

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120795.D
 Acq On : 7 Jul 2020 18:55
 Operator : JU/CG
 Sample : L3202-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Quant Time: Jul 08 01:14:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	149560	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	562026	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	282597	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	513148	20.00	ng	0.00
76) Chrysene-d12	14.01	240	352435	20.00	ng	0.00
86) Perylene-d12	15.47	264	283593	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1183556	122.16	ng	0.02
7) Phenol-d6	6.48	99	1306629	105.60	ng	0.00
23) Nitrobenzene-d5	7.42	82	1056195	108.88	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	444852	156.69	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1770337	94.78	ng	0.00
79) Terphenyl-d14	12.96	244	1992974	110.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	190799	43.111	ng	99
3) Pyridine	3.43	79	435078	35.890	ng	100
4) n-Nitrosodimethylamine	3.37	42	291267	48.028	ng	98
6) Aniline	6.51	93	505460	31.809	ng	99
8) 2-Chlorophenol	6.63	128	512715	49.705	ng	99
9) Benzaldehyde	6.40	77	88049	11.965	ng	98
10) Phenol	6.49	94	523188	41.105	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	518458	50.057	ng	99
12) 1,3-Dichlorobenzene	6.79	146	538264	47.407	ng	98
13) 1,4-Dichlorobenzene	6.87	146	548401	48.224	ng	98
14) 1,2-Dichlorobenzene	7.02	146	506934	46.854	ng	99
15) Benzyl Alcohol	6.99	79	435921	46.892	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	759059	46.986	ng	100
17) 2-Methylphenol	7.10	107	405478	43.940	ng	99
18) Hexachloroethane	7.36	117	208854	48.864	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	366725	49.226	ng	98
20) 3+4-Methylphenols	7.26	107	475742	41.858	ng	# 82
22) Acetophenone	7.26	105	684725	49.014	ng	# 96
24) Nitrobenzene	7.43	77	568253	52.173	ng	99
25) Isophorone	7.67	82	1033666	49.410	ng	99
26) 2-Nitrophenol	7.75	139	249072	53.867	ng	91
27) 2,4-Dimethylphenol	7.79	122	430631	51.566	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	642859	51.921	ng	100
29) 2,4-Dichlorophenol	7.99	162	418778	50.232	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	460550	49.184	ng	98
31) Naphthalene	8.16	128	1470975	48.974	ng	99
32) Benzoic acid	7.90	122	254925	43.596	ng	95
33) 4-Chloroaniline	8.20	127	282755	22.185	ng	96
34) Hexachlorobutadiene	8.27	225	263284	46.751	ng	100
35) Caprolactam	8.57	113	58614	24.129	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	446422	51.477	ng	97
37) 2-Methylnaphthalene	8.85	142	1000828	51.258	ng	99
38) 1-Methylnaphthalene	8.95	142	944010	51.615	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	425985	49.877	ng	99

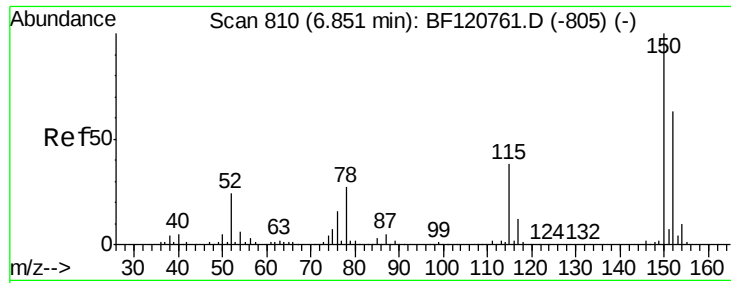
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
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 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	445229	88.231	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	302889	52.045	ng	96
44) 2,4,5-Trichlorophenol	9.16	196	320329	49.597	ng	98
46) 1,1'-Biphenyl	9.31	154	1164067	51.067	ng	99
47) 2-Chloronaphthalene	9.33	162	915899	50.154	ng	99
48) 2-Nitroaniline	9.43	65	297693	54.090	ng	97
49) Acenaphthylene	9.75	152	1435407	50.135	ng	99
50) Dimethylphthalate	9.62	163	1172926	56.897	ng	99
51) 2,6-Dinitrotoluene	9.67	165	225753	54.765	ng	88
52) Acenaphthene	9.92	154	952293	53.614	ng	97
53) 3-Nitroaniline	9.84	138	153096	31.257	ng	95
54) 2,4-Dinitrophenol	9.95	184	144521	88.511	ng	95
55) Dibenzofuran	10.10	168	1291072	50.426	ng	98
56) 4-Nitrophenol	10.00	139	326389	86.167	ng	100
57) 2,4-Dinitrotoluene	10.07	165	300274	58.144	ng	92
58) Fluorene	10.44	166	934782	49.052	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	254908	53.037	ng	99
60) Diethylphthalate	10.32	149	1094099	50.948	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	455986	47.597	ng	99
62) 4-Nitroaniline	10.46	138	230423	52.608	ng	97
63) Azobenzene	10.59	77	1098491	50.005	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	106858	49.298	ng	91
66) n-Nitrosodiphenylamine	10.55	169	900755	52.371	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	294108	49.409	ng	99
68) Hexachlorobenzene	10.99	284	324282	51.916	ng	# 92
69) Atrazine	11.07	200	248993	56.194	ng	98
70) Pentachlorophenol	11.17	266	371099	105.008	ng	99
71) Phenanthrene	11.40	178	1416677	50.881	ng	99
72) Anthracene	11.45	178	1445830	51.388	ng	99
73) Carbazole	11.60	167	1336239	49.422	ng	99
74) Di-n-butylphthalate	11.94	149	1681006	50.218	ng	99
75) Fluoranthene	12.59	202	1509027	50.877	ng	100
77) Benzidine	12.70	184	539955	54.279	ng	99
78) Pyrene	12.82	202	1496227	53.157	ng	100
80) Butylbenzylphthalate	13.44	149	691319	56.888	ng	99
81) Benzo(a)anthracene	14.00	228	1116768	49.433	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	355455	46.624	ng	# 98
83) Chrysene	14.04	228	1176836	51.069	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	845187	53.037	ng	# 99
85) Di-n-octyl phthalate	14.61	149	1572325	55.772	ng	99
87) Indeno(1,2,3-cd)pyrene	16.93	276	1142863	62.829	ng	100
88) Benzo(b)fluoranthene	15.05	252	1052108	56.431	ng	99
89) Benzo(k)fluoranthene	15.08	252	999926	55.117	ng	99
90) Benzo(a)pyrene	15.41	252	898232	54.008	ng	98
91) Dibenzo(a,h)anthracene	16.95	278	968503	63.882	ng	98
92) Benzo(g,h,i)perylene	17.37	276	894670	64.569	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

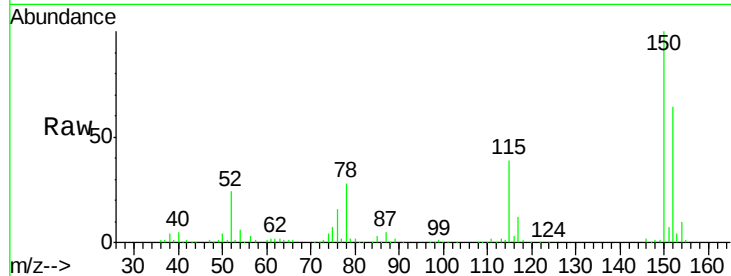


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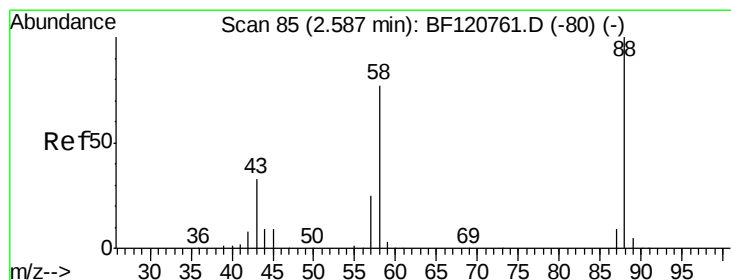
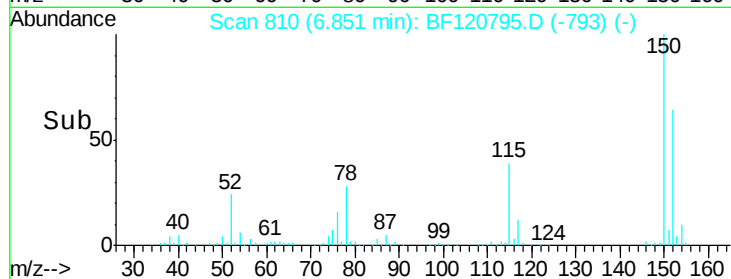
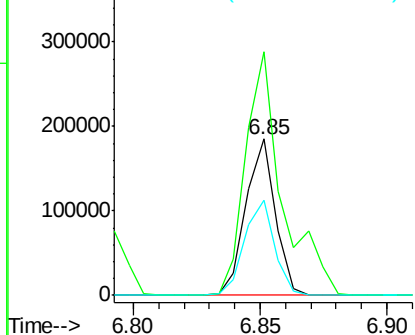
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

Tot Ion:152 Resp: 149560
Ion Ratio Lower Upper
152 100
150 155.9 126.1 189.1
115 61.1 48.5 72.7



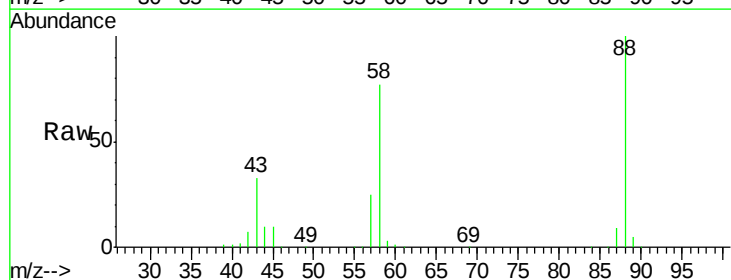
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



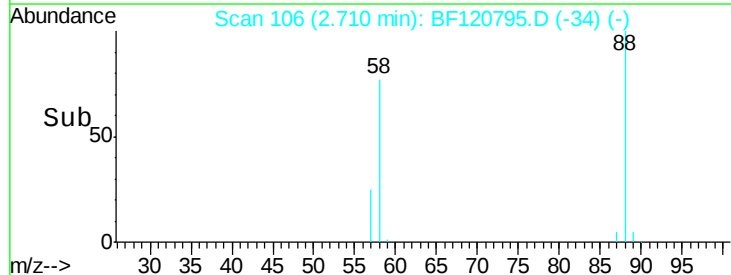
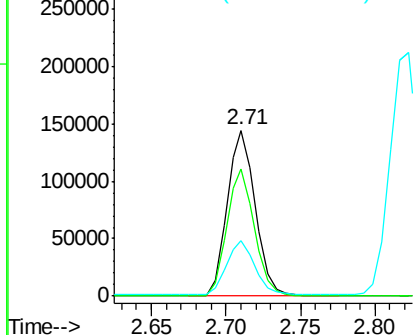
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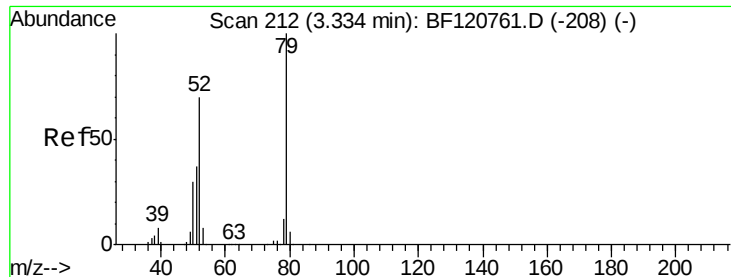
1,4-Dioxane
Concen: 43.111 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.12 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion: 88 Resp: 190799
Ion Ratio Lower Upper
88 100
58 75.2 60.4 90.6
43 32.3 26.3 39.5



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 35.890 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.09 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

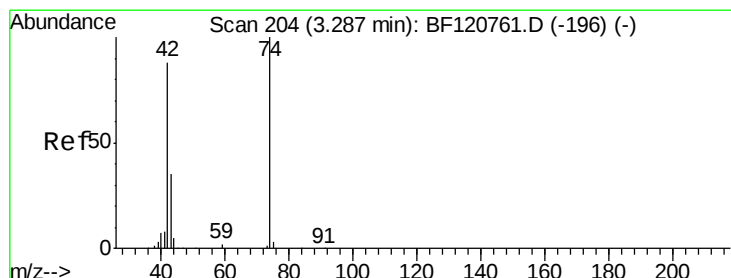
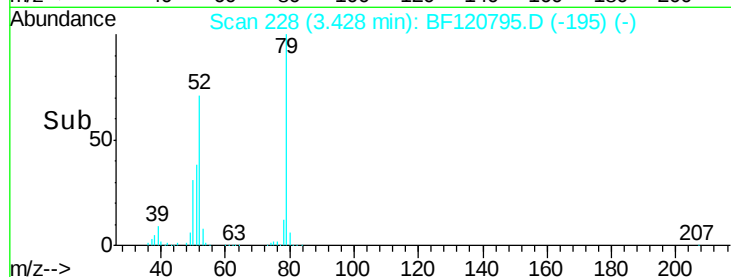
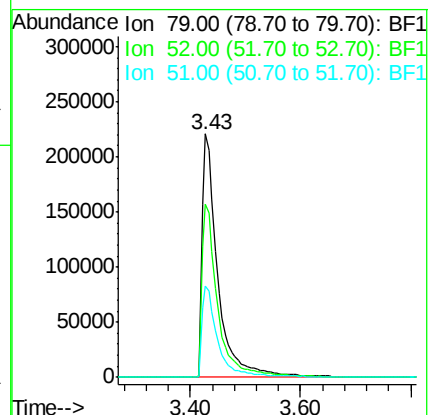
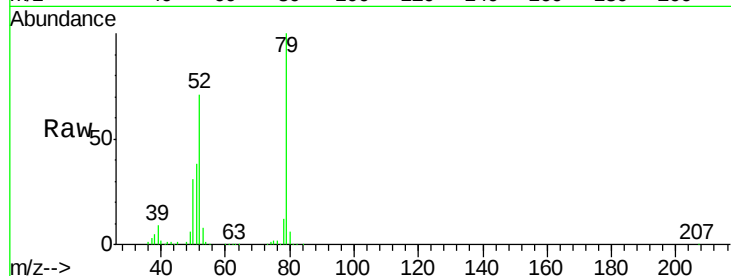
Tot Ion: 79 Resp: 435078

Ion Ratio Lower Upper

79 100

52 71.0 56.3 84.5

51 37.6 30.1 45.1



#4

n-Nitrosodimethylamine

Concen: 48.028 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

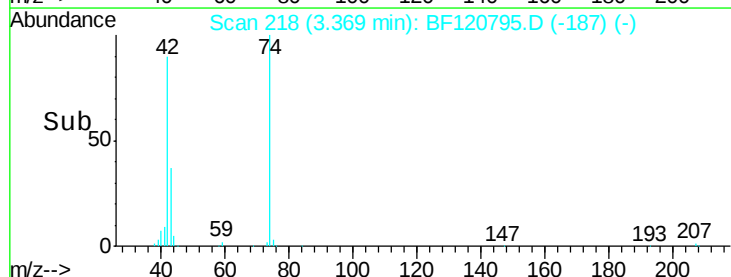
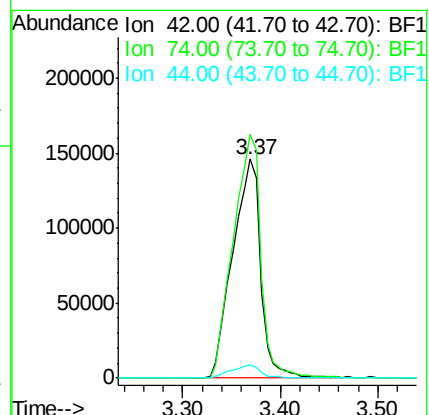
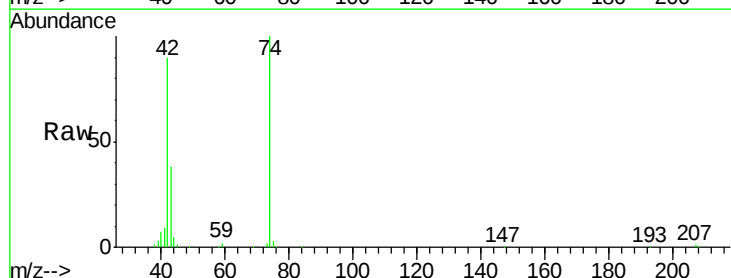
Tgt Ion: 42 Resp: 291267

Ion Ratio Lower Upper

42 100

74 111.2 90.8 136.2

44 5.9 5.8 8.8





#5

2-Fluorophenol

Concen: 122.158 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.02 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

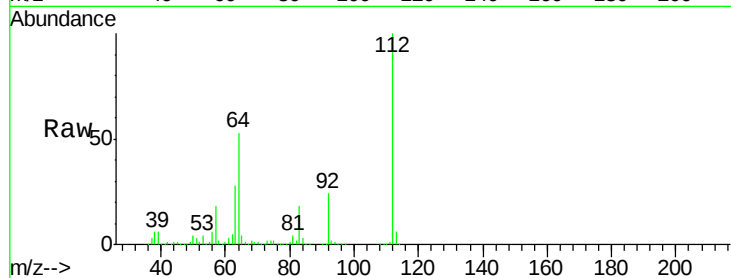
Tot Ion:112 Resp: 1183556

Ion Ratio Lower Upper

112 100

64 53.1 43.8 65.6

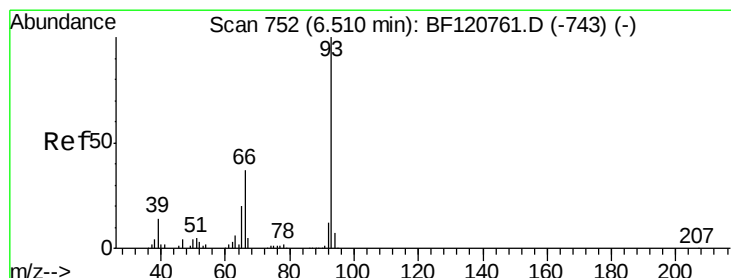
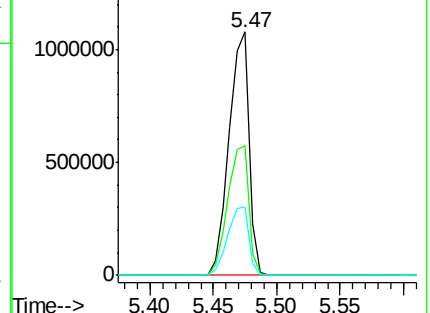
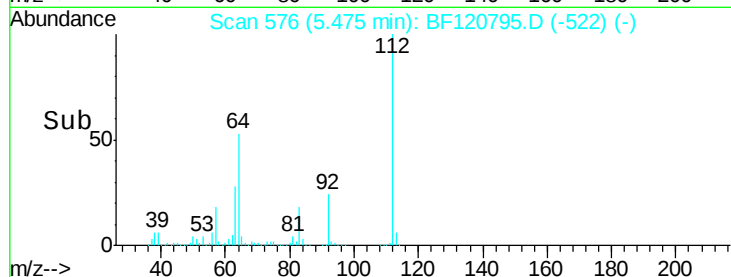
63 28.2 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.809 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

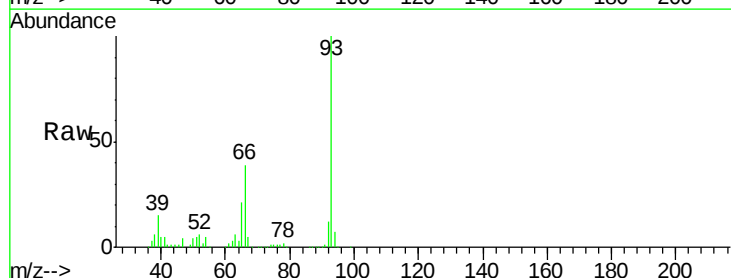
Tgt Ion: 93 Resp: 505460

Ion Ratio Lower Upper

93 100

66 38.6 31.3 46.9

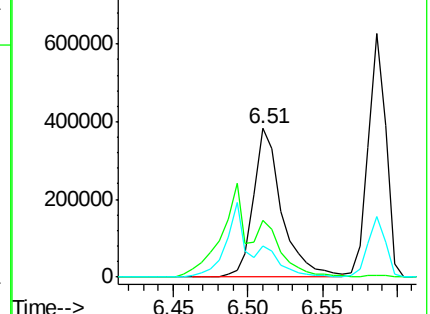
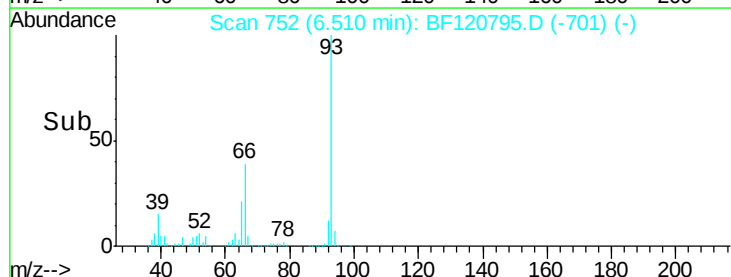
65 21.2 16.5 24.7



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.604 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

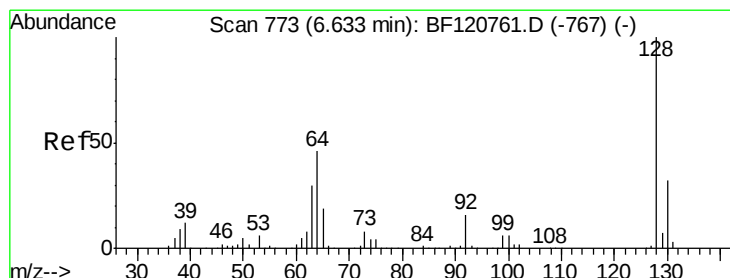
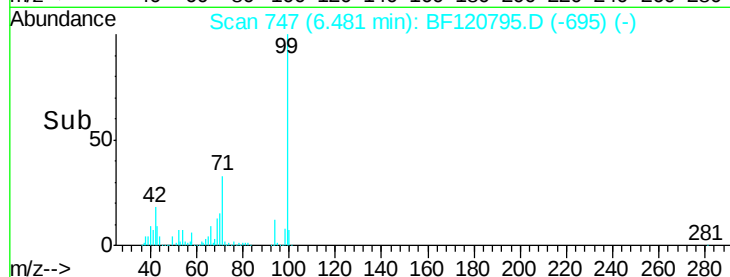
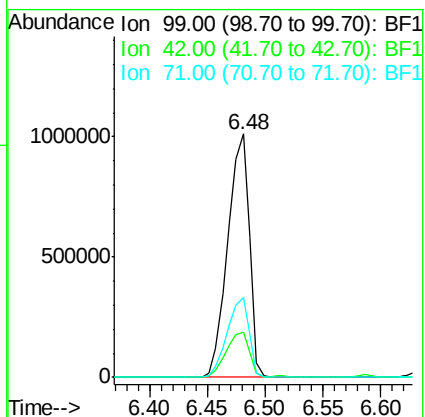
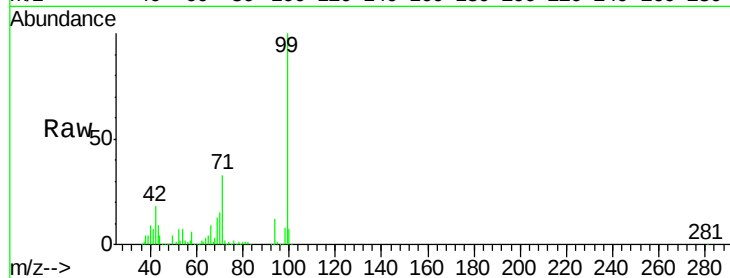
Tot Ion: 99 Resp: 1306629

Ion Ratio Lower Upper

99 100

42 18.4 15.4 23.0

71 32.8 25.9 38.9



#8

2-Chlorophenol

Concen: 49.705 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

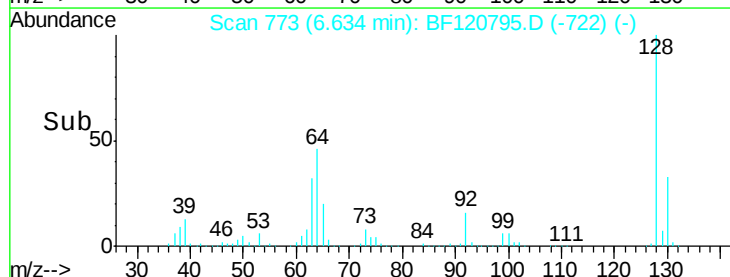
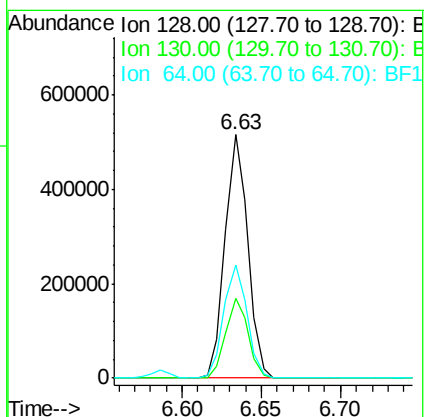
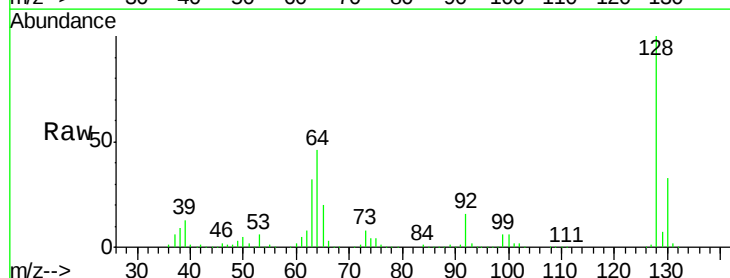
Tgt Ion: 128 Resp: 512715

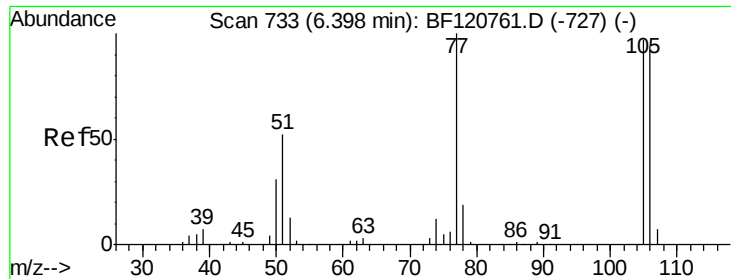
Ion Ratio Lower Upper

128 100

130 32.8 12.1 52.1

64 46.5 26.3 66.3

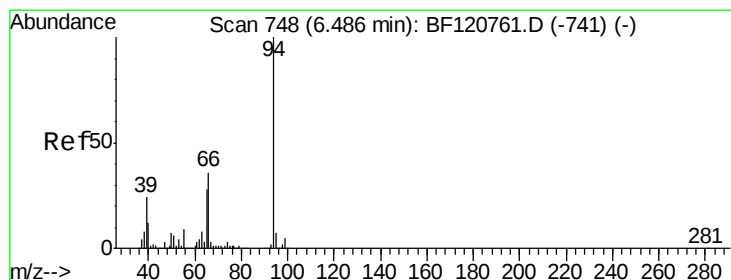
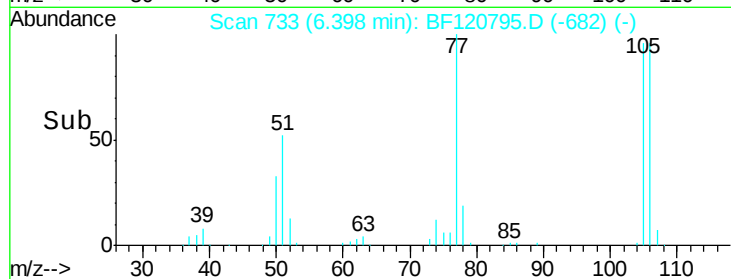
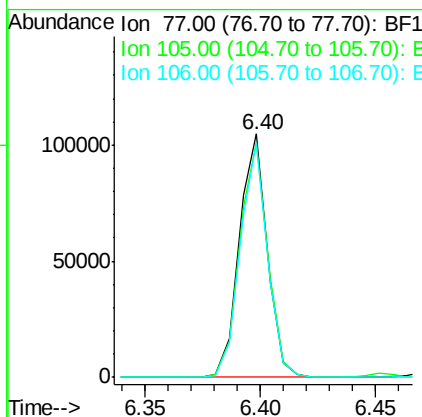
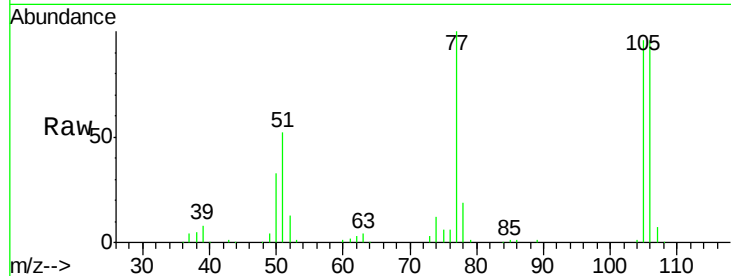




#9
Benzaldehyde
Concen: 11.965 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

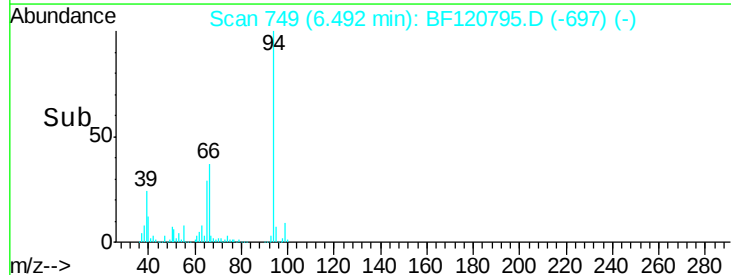
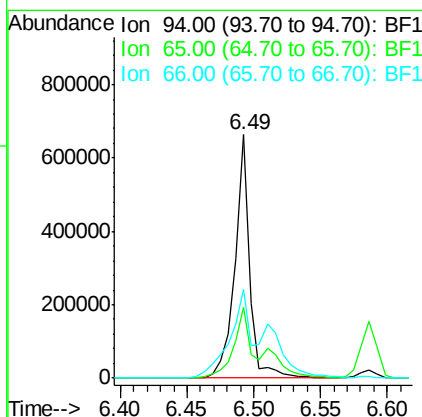
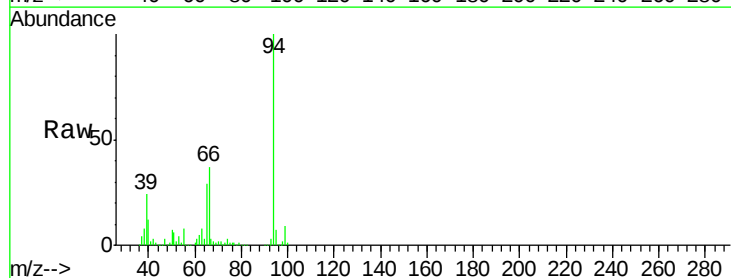
Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

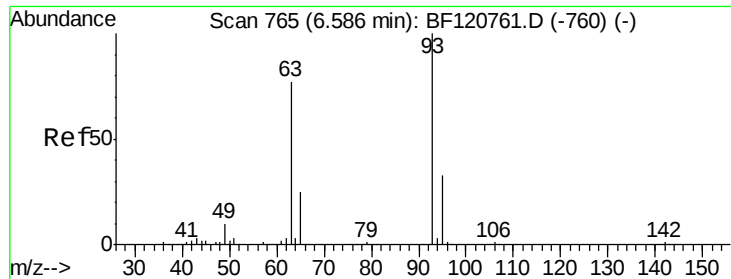
Tot Ion: 77 Resp: 88049
Ion Ratio Lower Upper
77 100
105 96.2 76.8 116.8
106 96.5 73.8 113.8



#10
Phenol
Concen: 41.105 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion: 94 Resp: 523188
Ion Ratio Lower Upper
94 100
65 29.0 8.4 48.4
66 36.6 16.5 56.5

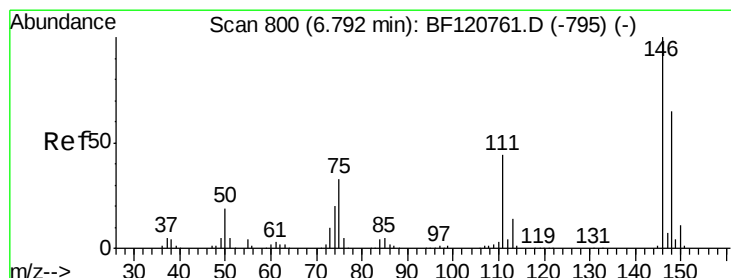
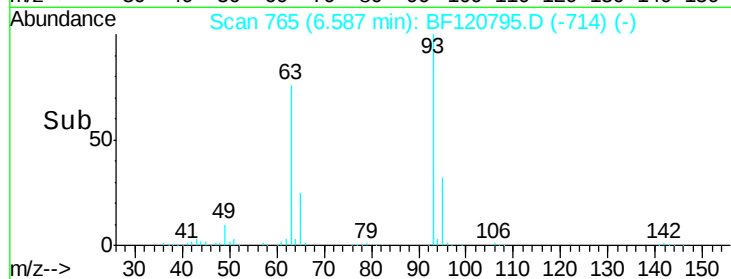
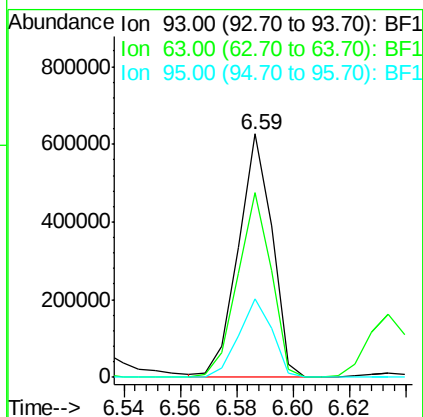
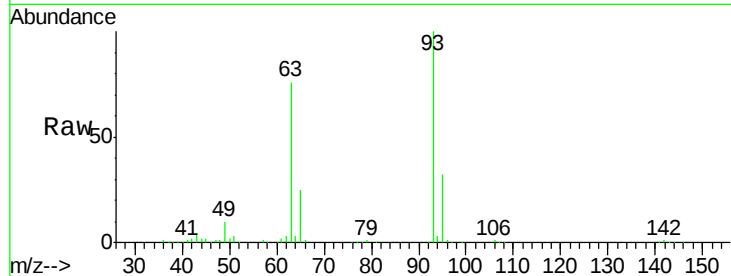




#11
bis(2-Chloroethyl)ether
Concen: 50.057 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

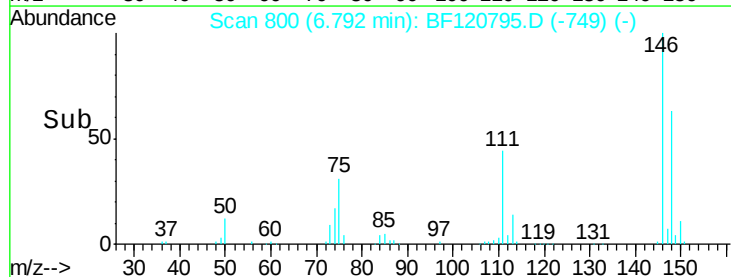
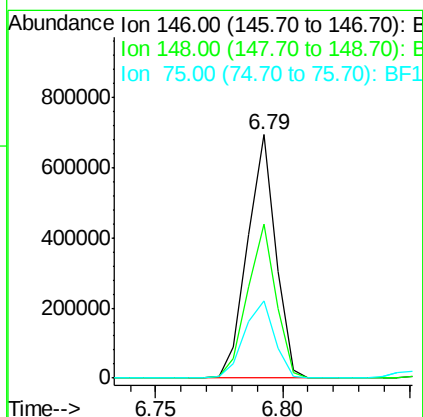
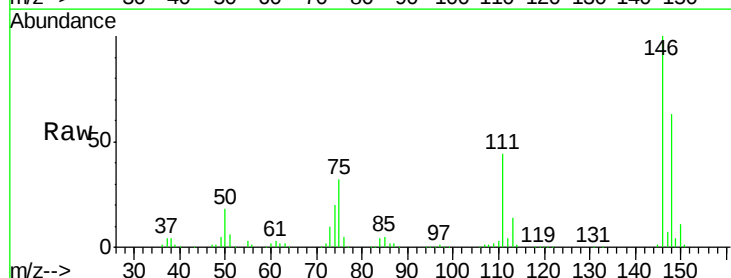
Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

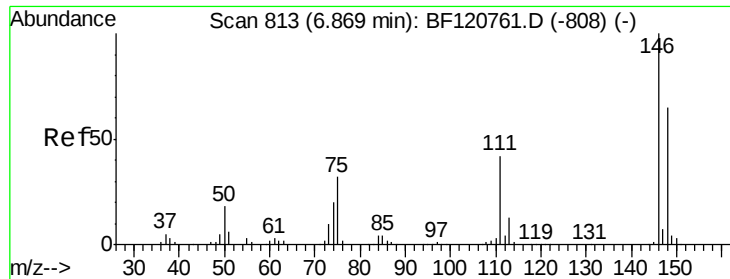
Tot Ion: 93 Resp: 518458
Ion Ratio Lower Upper
93 100
63 75.9 56.9 96.9
95 32.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 47.407 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion: 146 Resp: 538264
Ion Ratio Lower Upper
146 100
148 63.2 52.1 78.1
75 31.9 26.0 39.0

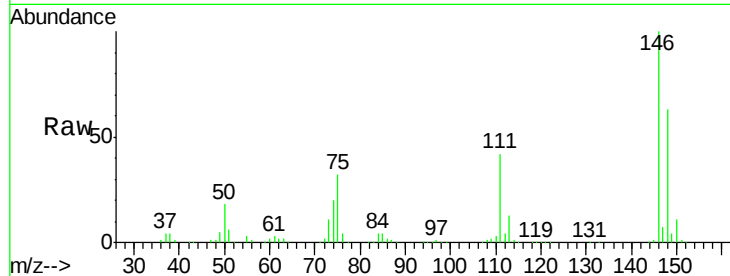




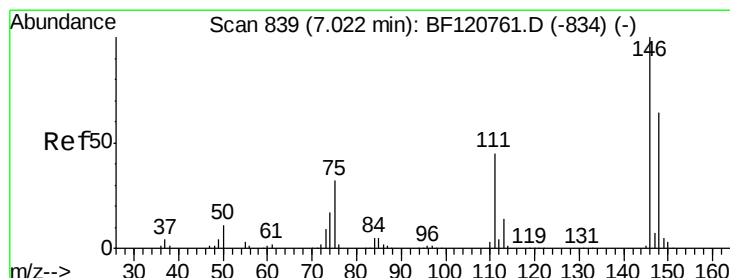
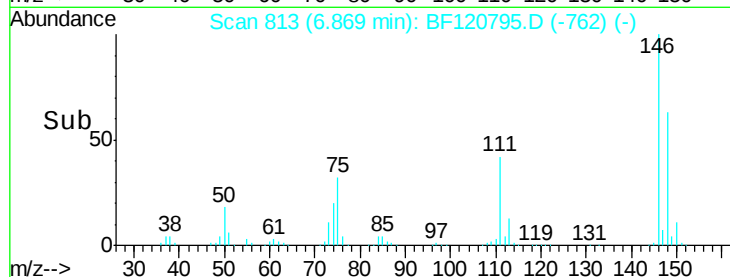
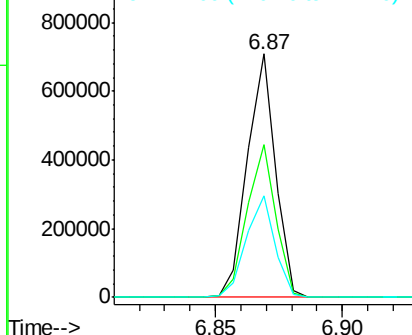
#13
 1,4-Dichlorobenzene
 Concen: 48.224 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Tot Ion:146 Resp: 548401
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.8 77.6
 111 41.8 33.7 50.5

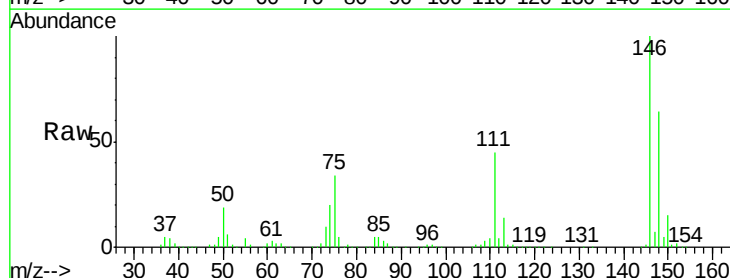


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

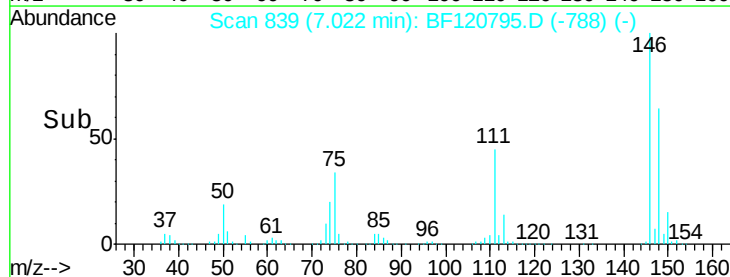
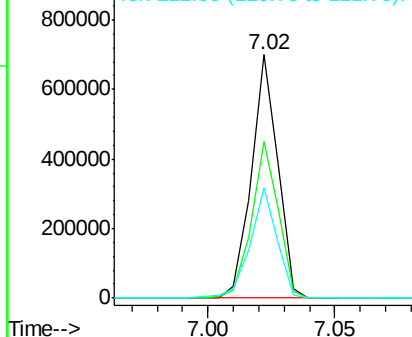


#14
 1,2-Dichlorobenzene
 Concen: 46.854 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:146 Resp: 506934
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.4
 111 45.2 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.892 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

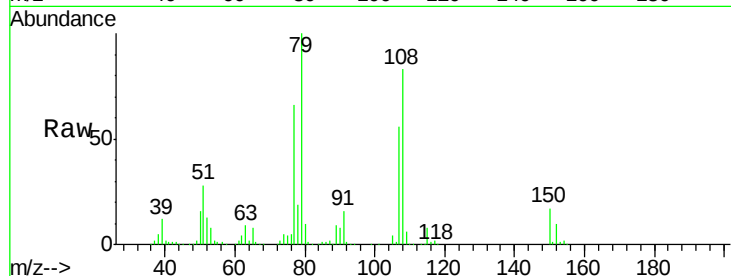
Tot Ion: 79 Resp: 435921

Ion Ratio Lower Upper

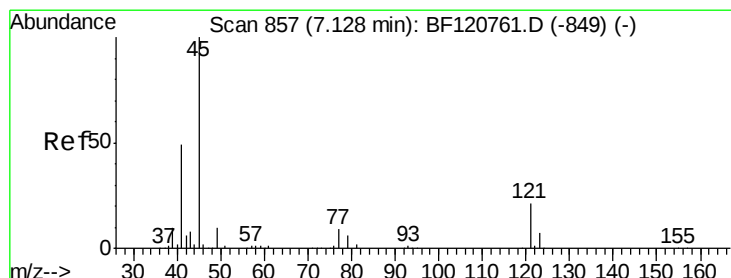
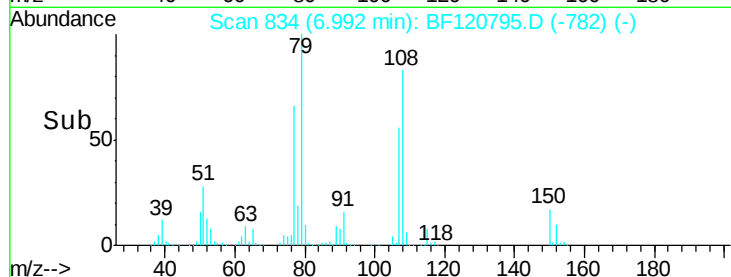
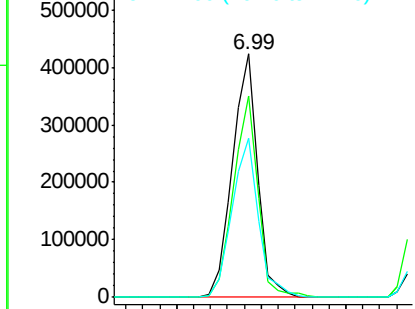
79 100

108 82.8 62.4 93.6

77 65.6 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.986 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

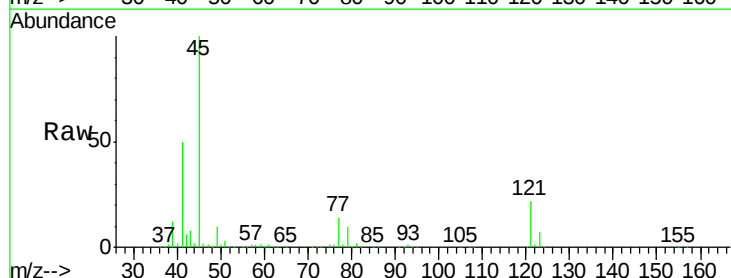
Tgt Ion: 45 Resp: 759059

Ion Ratio Lower Upper

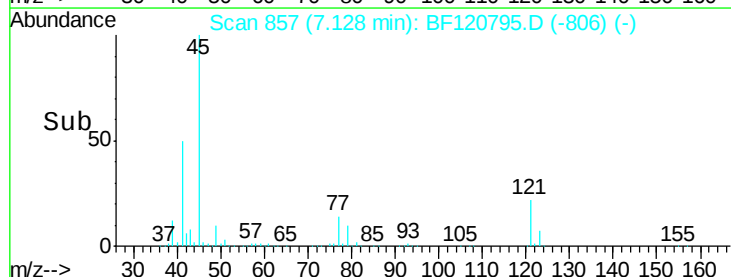
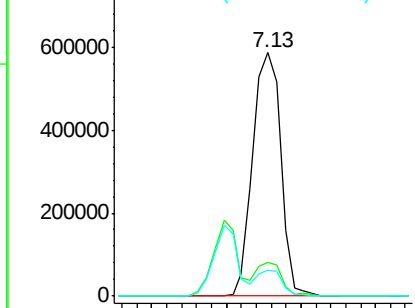
45 100

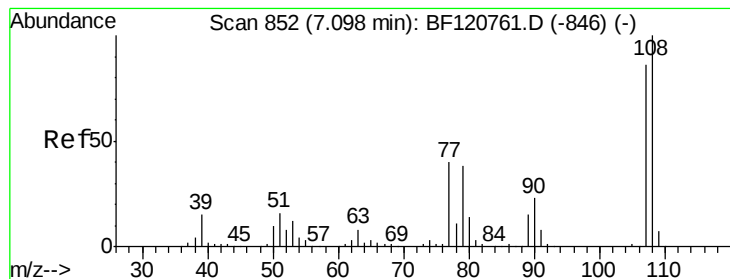
77 14.0 0.0 33.7

79 10.5 0.0 30.5



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

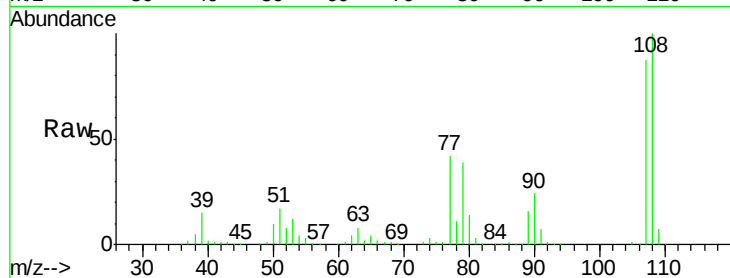




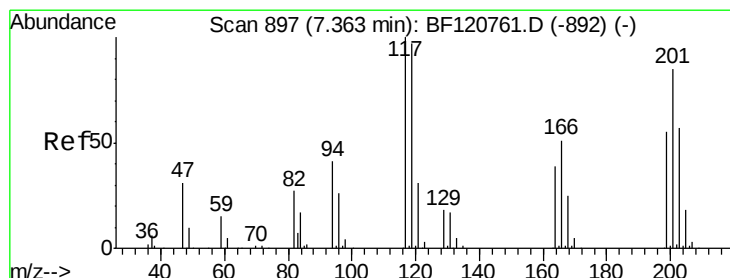
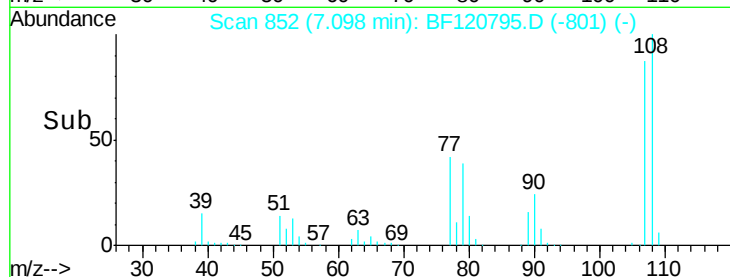
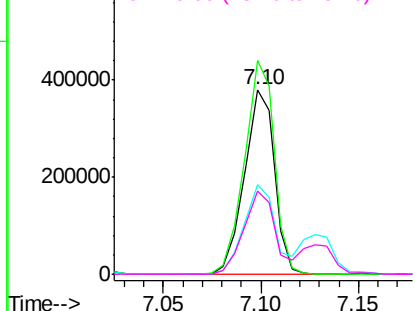
#17
2-Methylphenol
Concen: 43.940 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

Tot Ion:107 Resp: 405478
Ion Ratio Lower Upper
107 100
108 115.5 93.1 139.7
77 48.3 37.3 55.9
79 45.2 35.3 52.9

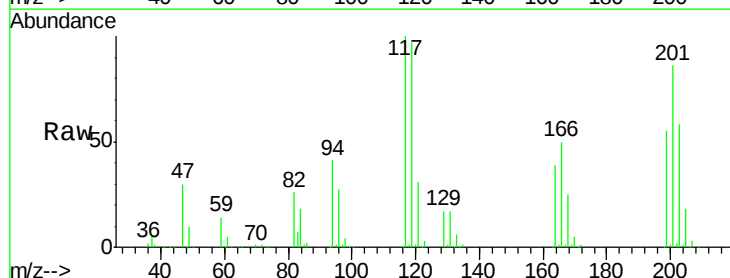


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

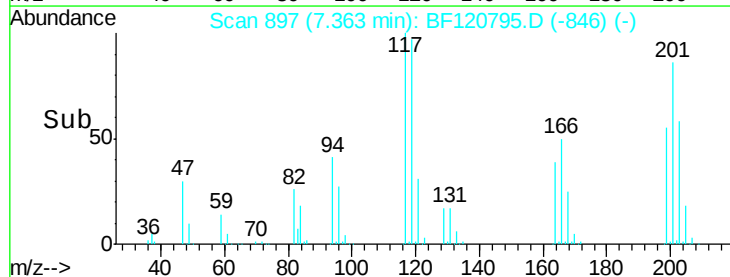
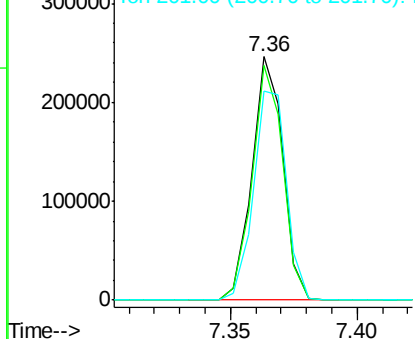


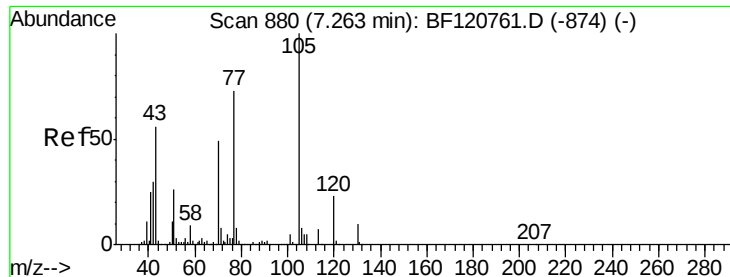
#18
Hexachloroethane
Concen: 48.864 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:117 Resp: 208854
Ion Ratio Lower Upper
117 100
119 96.6 77.9 116.9
201 85.9 68.3 102.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

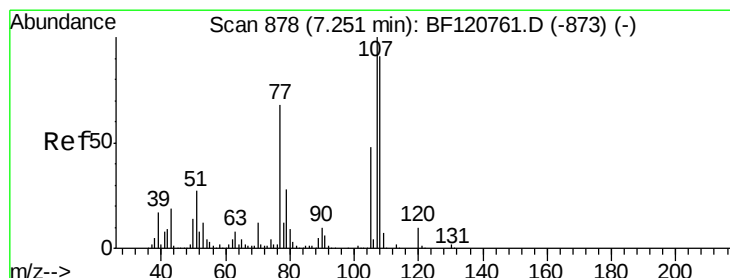
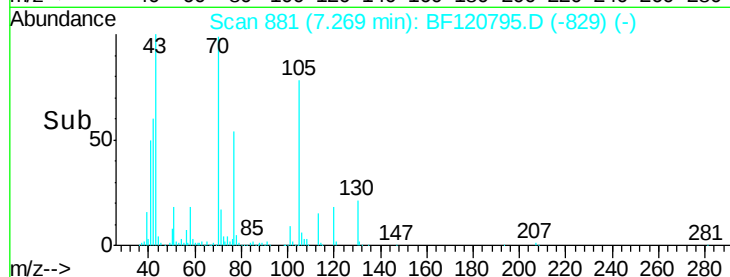
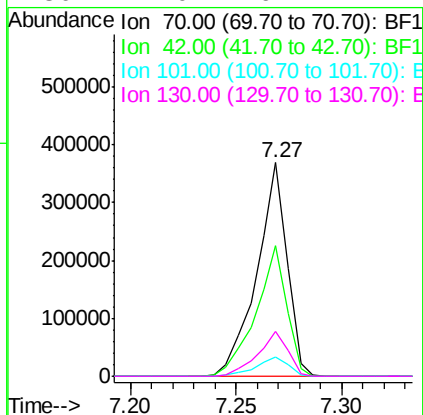
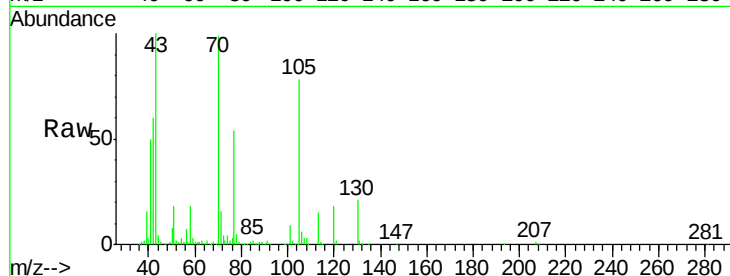




#19
n-Nitroso-di-n-propylamine
Concen: 49.226 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

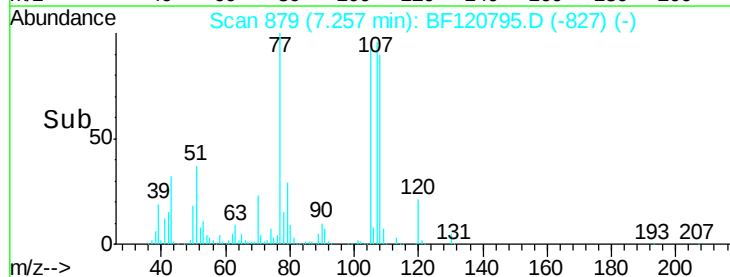
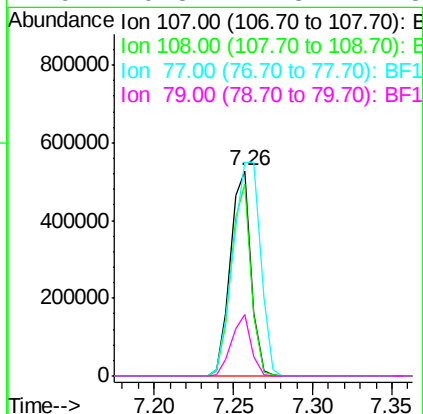
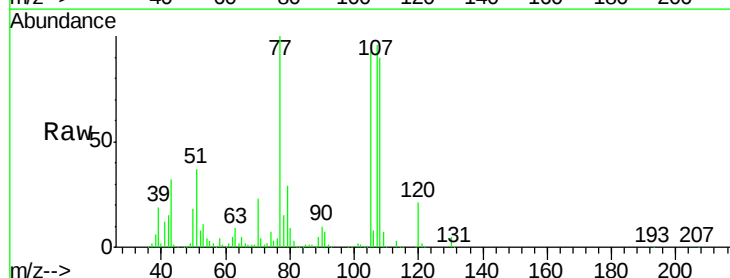
Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

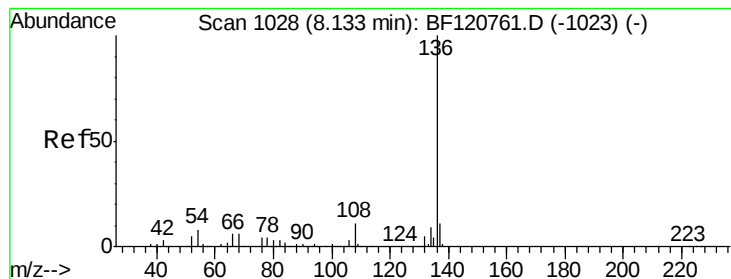
Tot Ion: 70 Resp: 366725
Ion Ratio Lower Upper
70 100
42 60.9 50.3 75.5
101 9.3 7.5 11.3
130 21.0 16.1 24.1



#20
3+4-Methylphenols
Concen: 41.858 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:107 Resp: 475742
Ion Ratio Lower Upper
107 100
108 93.8 70.9 110.9
77 104.1 48.3 88.3#
79 29.8 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

Tot Ion:136 Resp: 562026

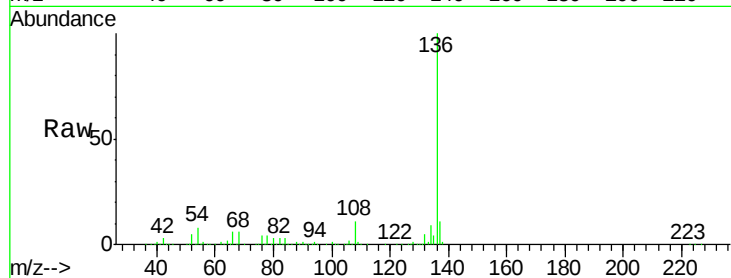
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 7.9 6.2 9.4

68 5.7 4.7 7.1

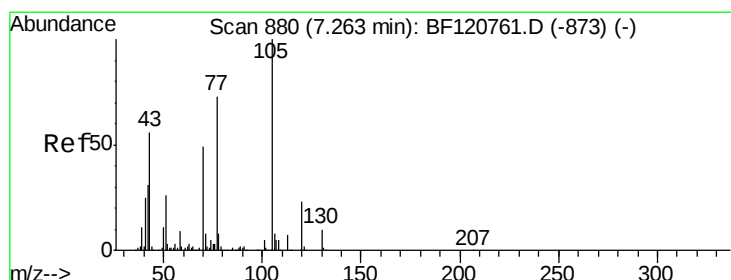
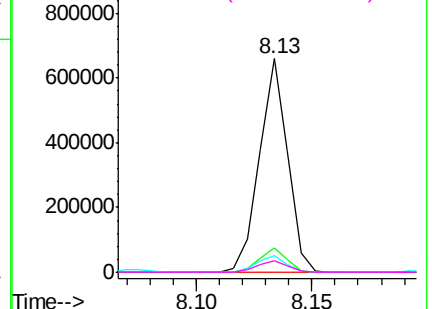
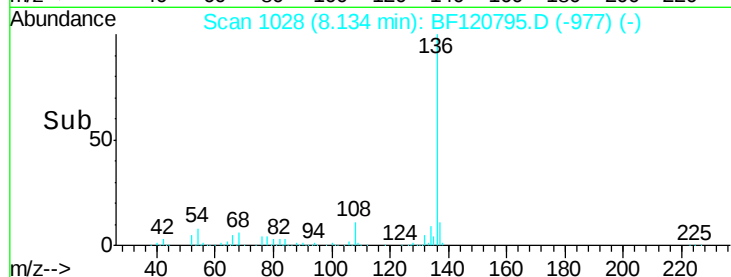


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 49.014 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Tgt Ion:105 Resp: 684725

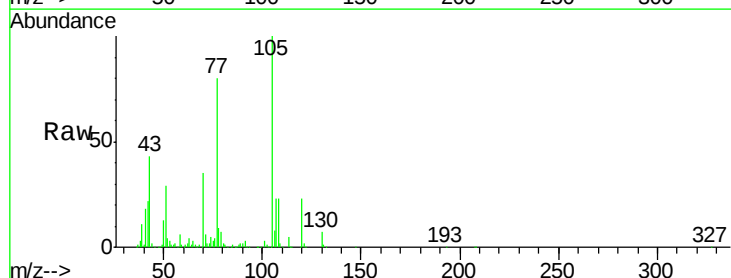
Ion Ratio Lower Upper

105 100

71 6.0 6.5 9.7#

51 28.8 21.0 31.4

120 22.6 18.6 28.0

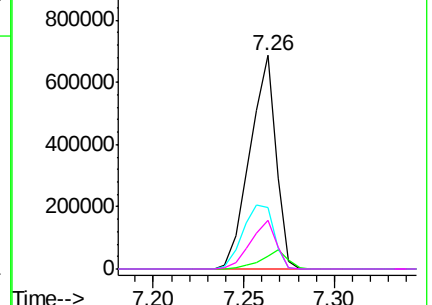
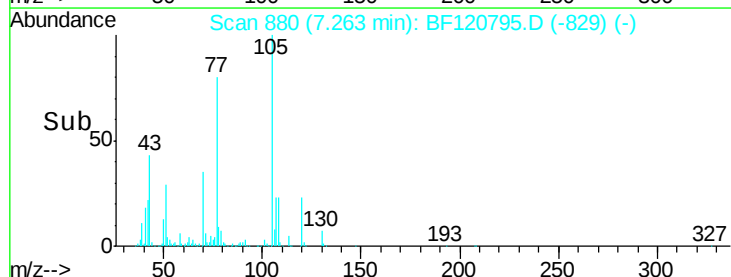


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

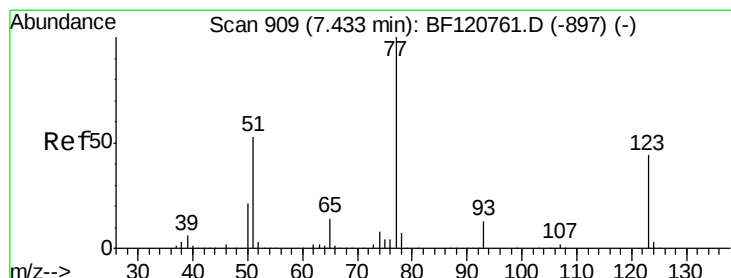
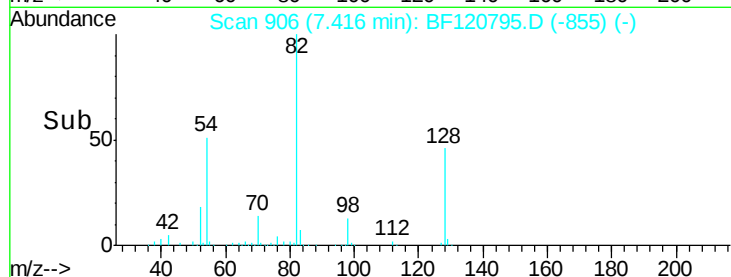
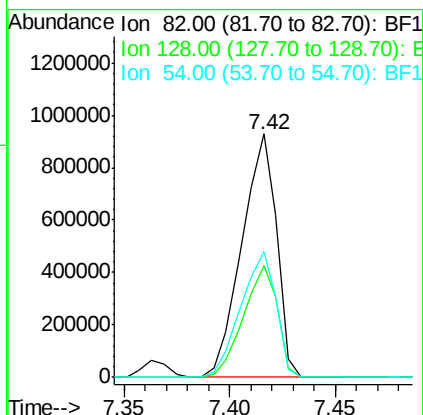
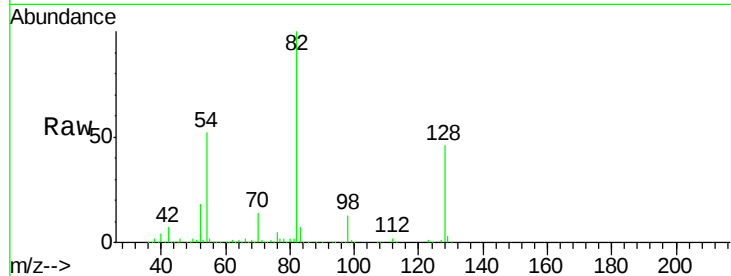




#23
 Nitrobenzene-d5
 Concen: 108.880 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

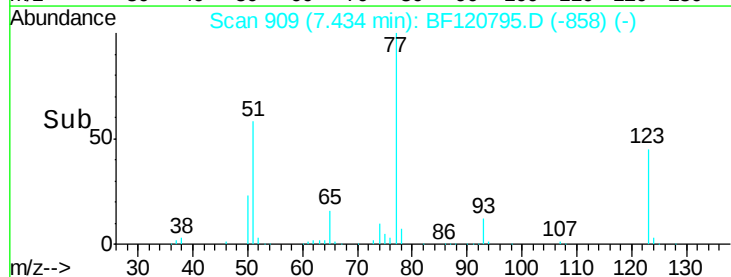
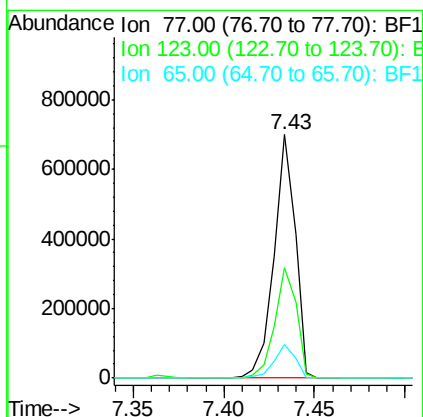
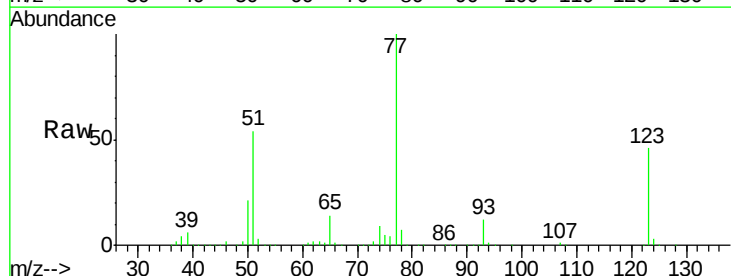
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

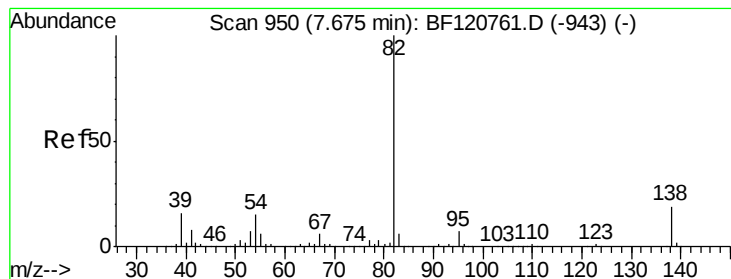
Tot Ion: 82 Resp: 1056195
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.7 53.5
 54 51.5 40.9 61.3



#24
 Nitrobenzene
 Concen: 52.173 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion: 77 Resp: 568253
 Ion Ratio Lower Upper
 77 100
 123 45.6 36.1 54.1
 65 14.0 11.0 16.4





#25

Isophorone

Concen: 49.410 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

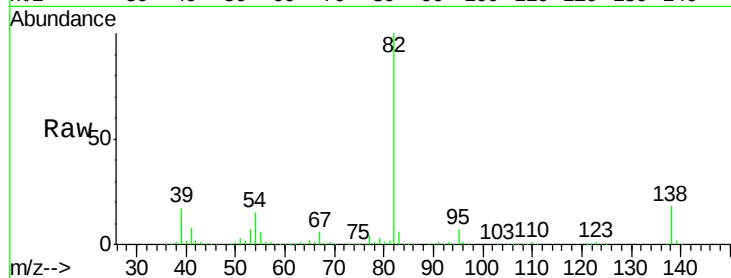
Tot Ion: 82 Resp: 1033666

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

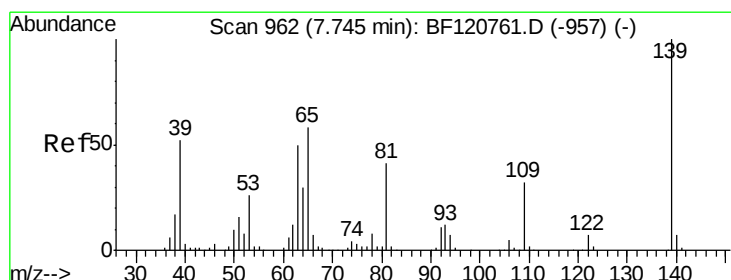
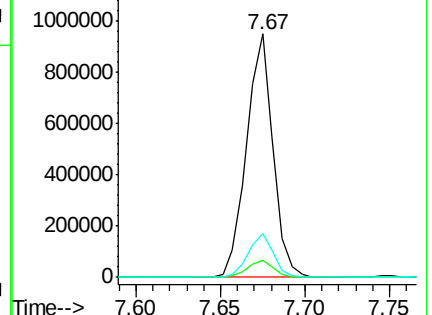
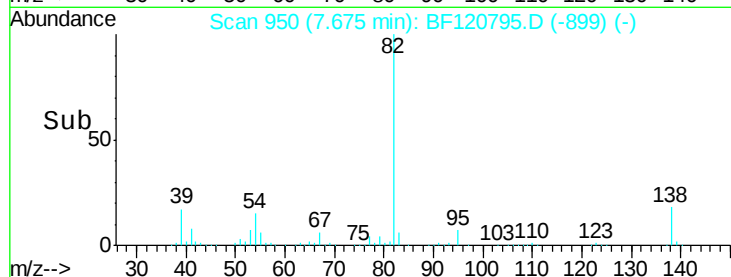
138 18.0 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.867 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

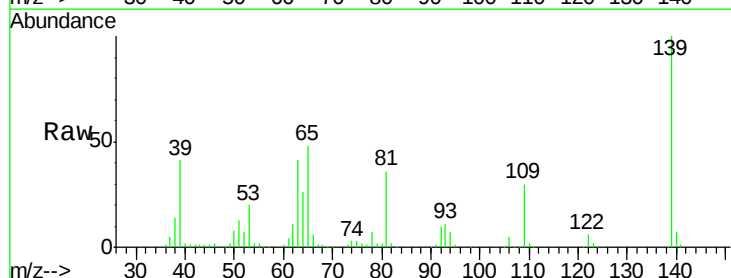
Tgt Ion: 139 Resp: 249072

Ion Ratio Lower Upper

139 100

109 30.4 25.3 37.9

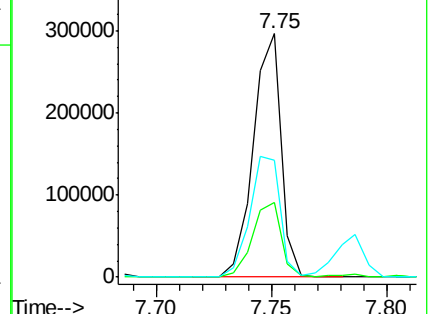
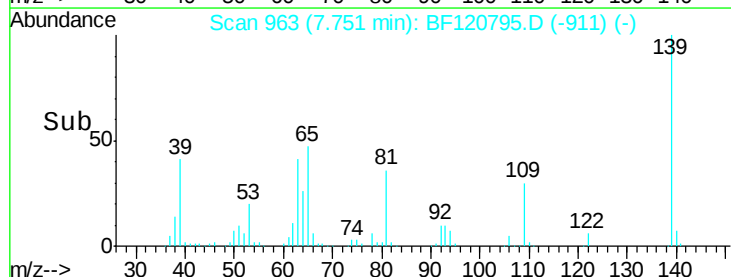
65 48.1 46.2 69.2

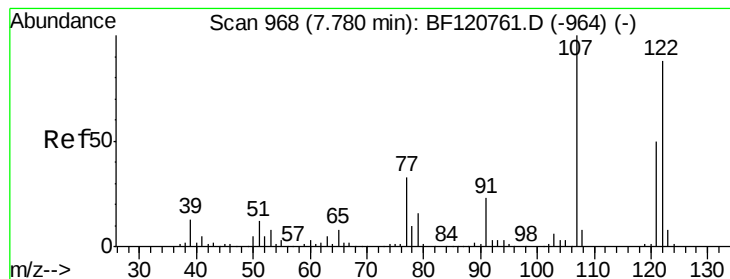


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.566 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

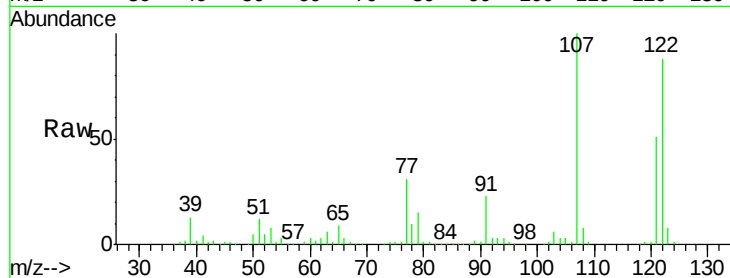
Tot Ion:122 Resp: 430631

Ion Ratio Lower Upper

122 100

107 113.6 90.7 136.1

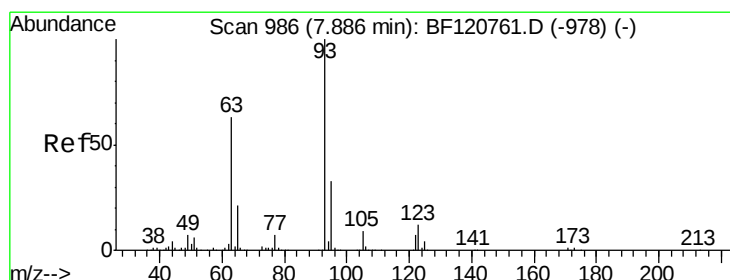
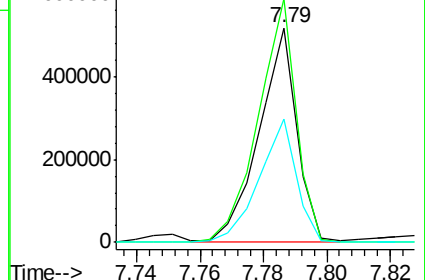
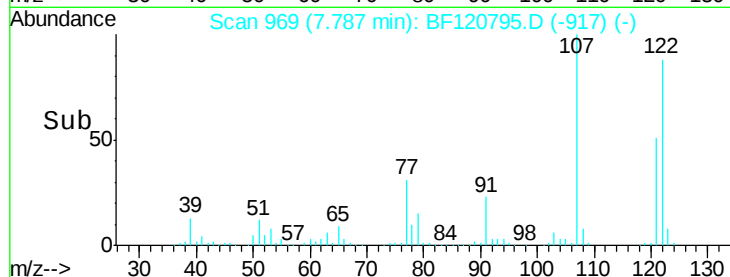
121 57.6 45.4 68.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.921 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

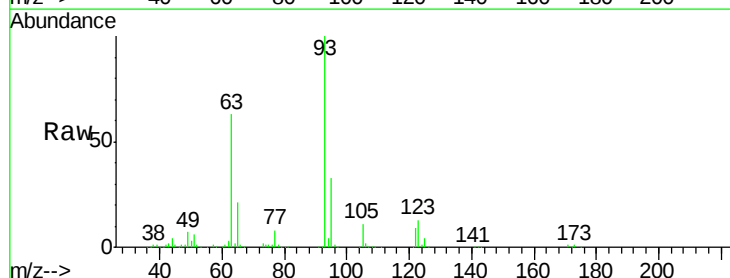
Tgt Ion: 93 Resp: 642859

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

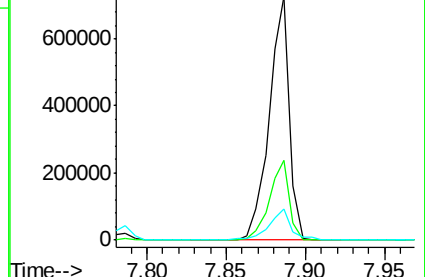
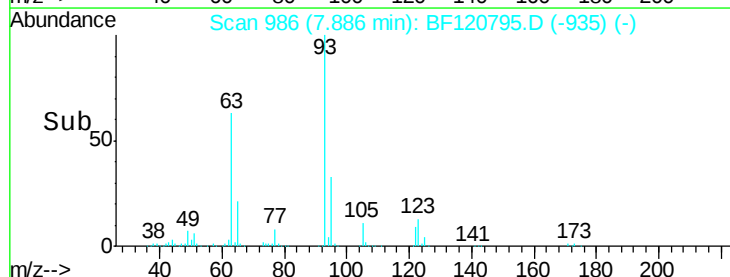
123 12.7 10.2 15.2

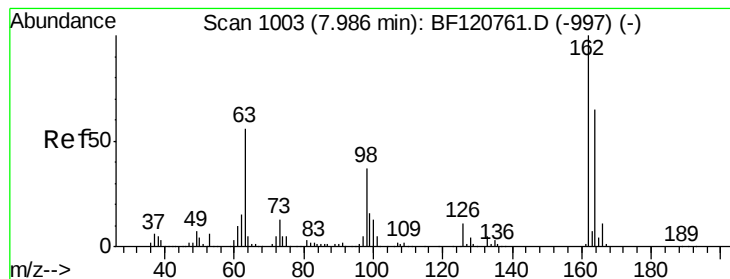


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 50.232 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

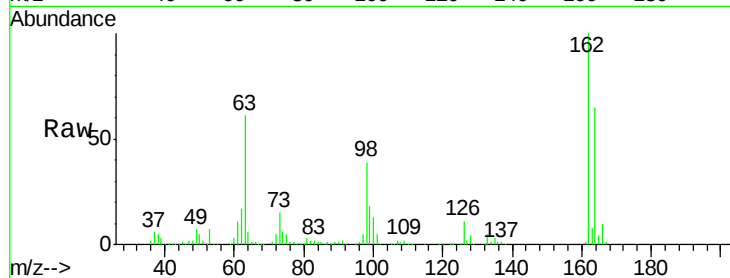
Tot Ion:162 Resp: 418778

Ion Ratio Lower Upper

162 100

164 65.0 45.2 85.2

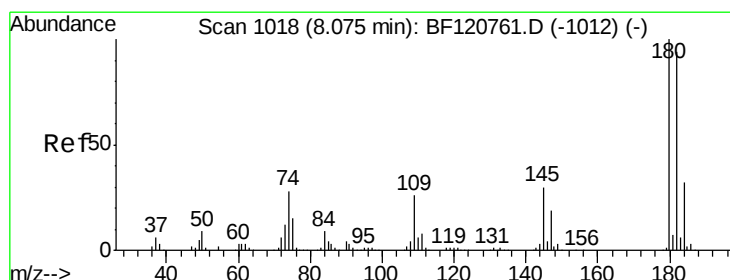
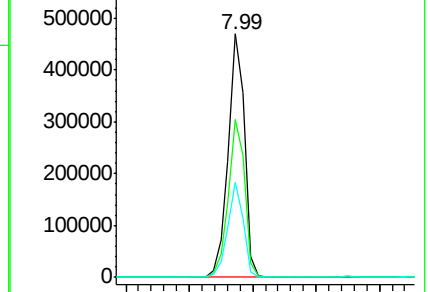
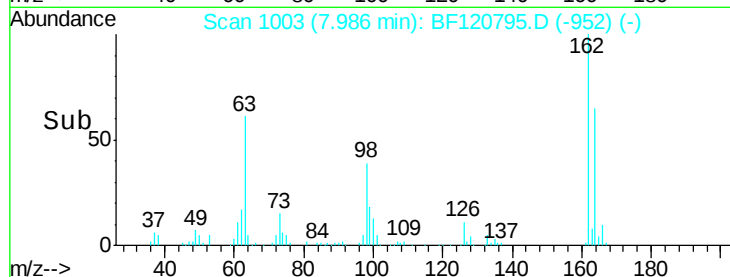
98 38.8 17.0 57.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 49.184 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

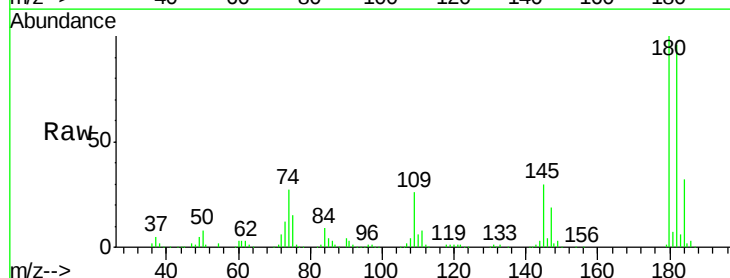
Tgt Ion:180 Resp: 460550

Ion Ratio Lower Upper

180 100

182 96.2 75.5 113.3

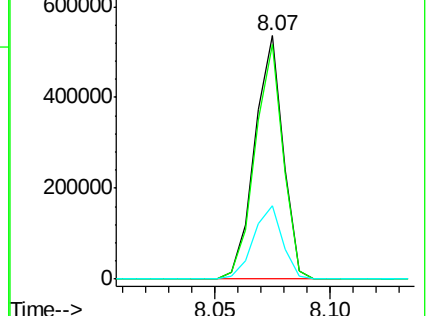
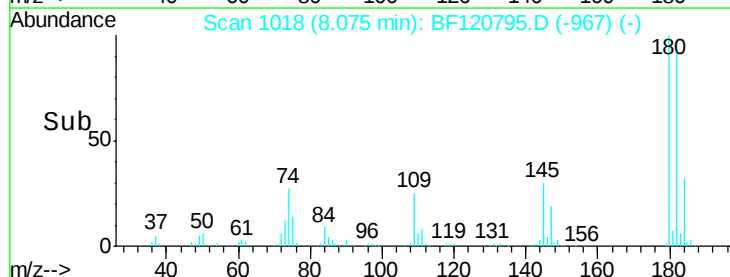
145 30.3 24.1 36.1

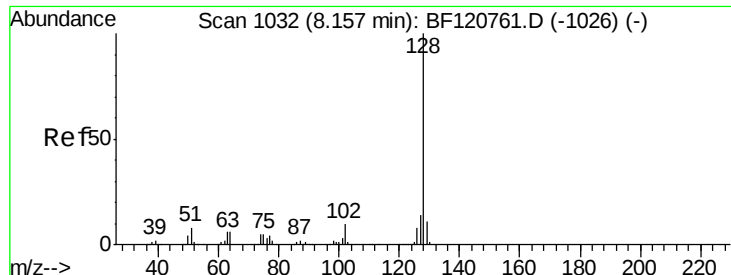


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

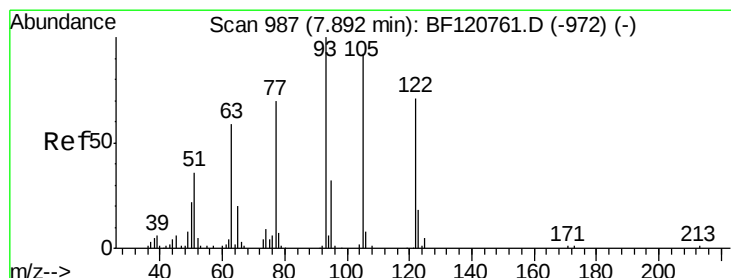
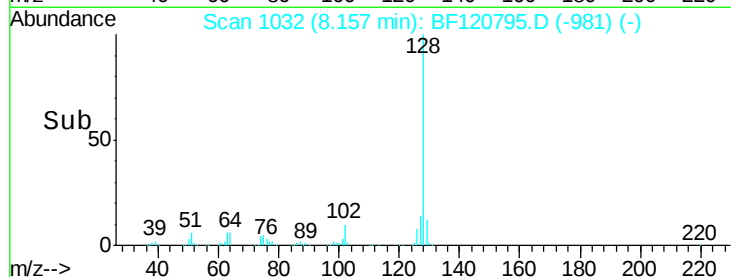
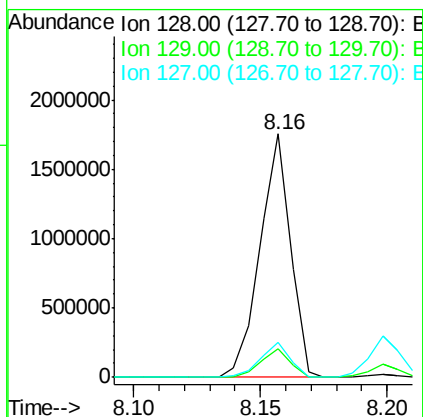
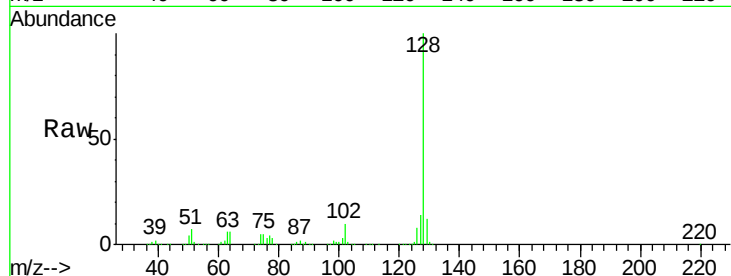




#31
Naphthalene
Concen: 48.974 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

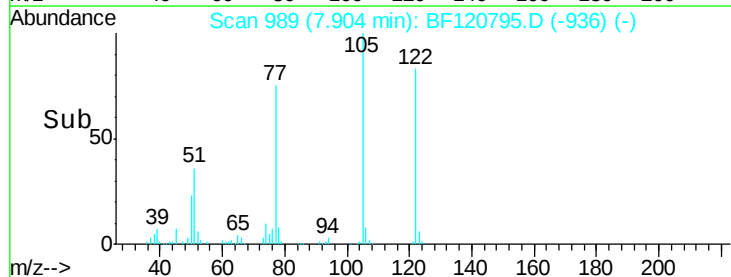
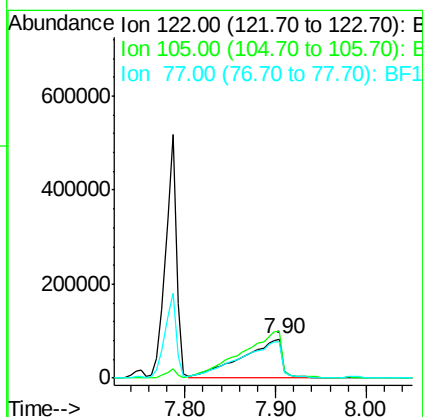
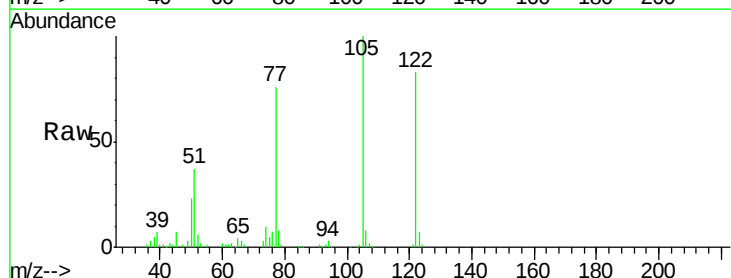
Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

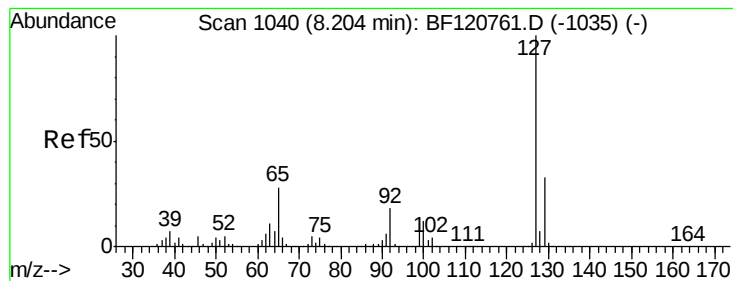
Tot Ion:128 Resp: 1470975
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 14.1 11.1 16.7



#32
Benzoic acid
Concen: 43.596 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:122 Resp: 254925
Ion Ratio Lower Upper
122 100
105 120.8 105.8 145.8
77 92.1 77.3 117.3





#33

4-Chloroaniline

Concen: 22.185 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

Tot Ion:127 Resp: 282755

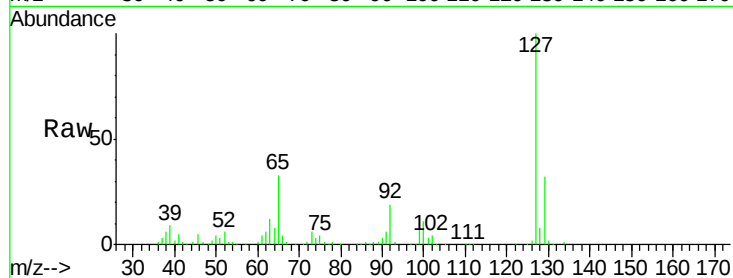
Ion Ratio Lower Upper

127 100

129 32.1 26.6 39.8

65 32.7 22.7 34.1

92 18.8 14.3 21.5

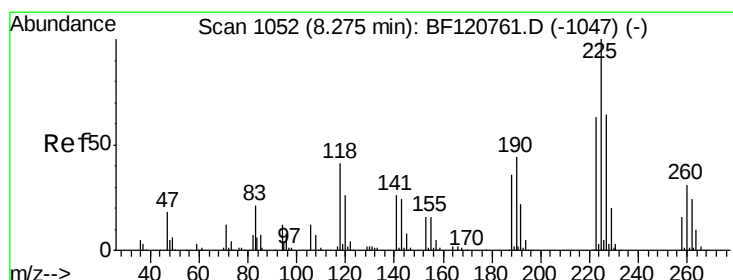
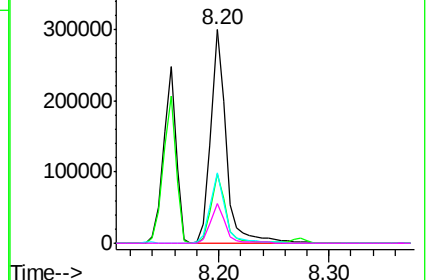
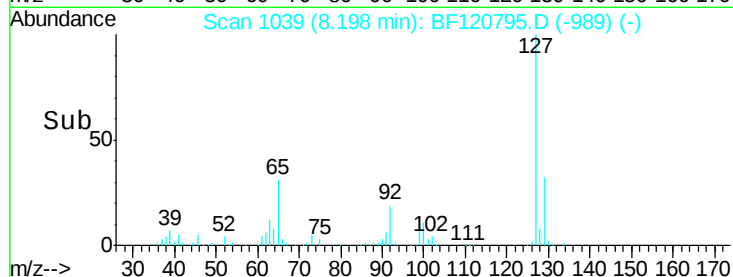


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 46.751 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

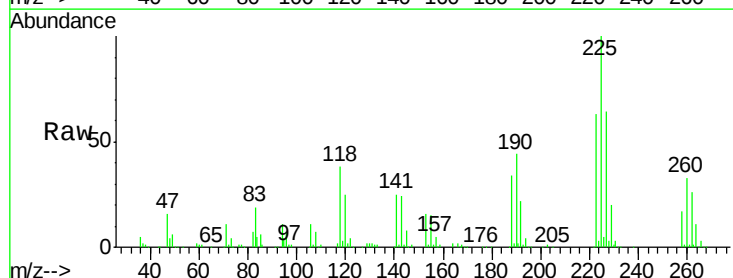
Tgt Ion:225 Resp: 263284

Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

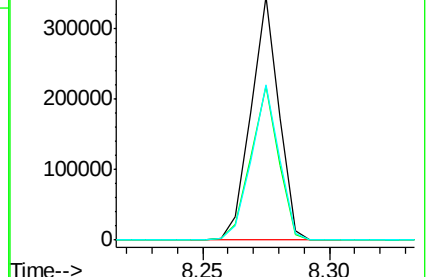
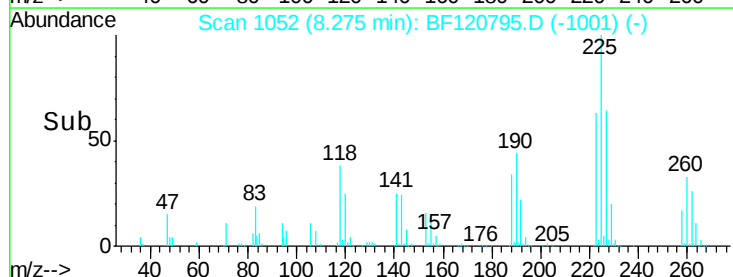
227 63.7 51.4 77.2

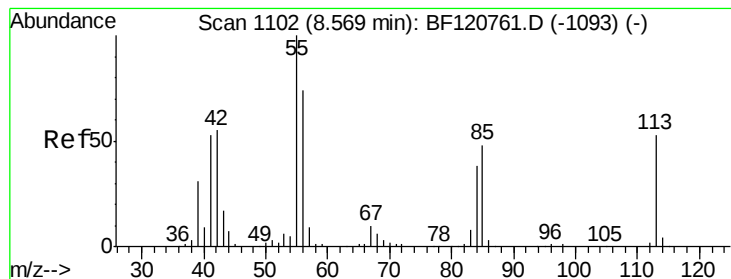


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.129 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

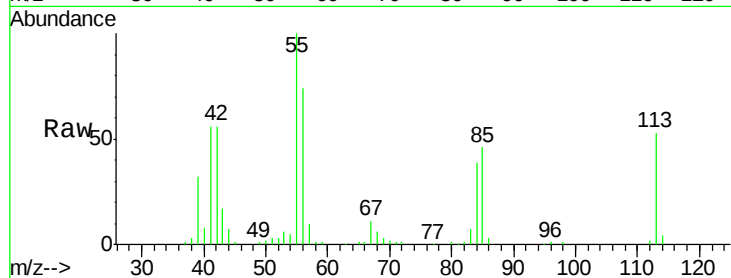
Tot Ion:113 Resp: 58614

Ion Ratio Lower Upper

113 100

55 189.6 168.3 208.3

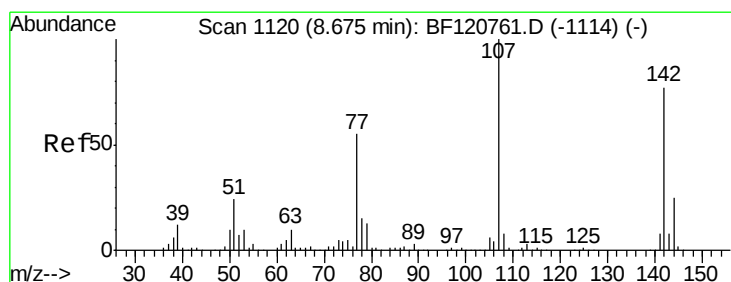
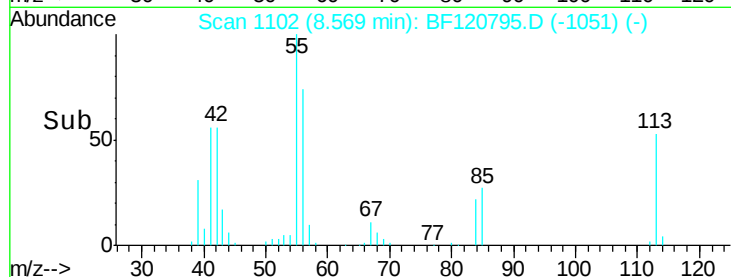
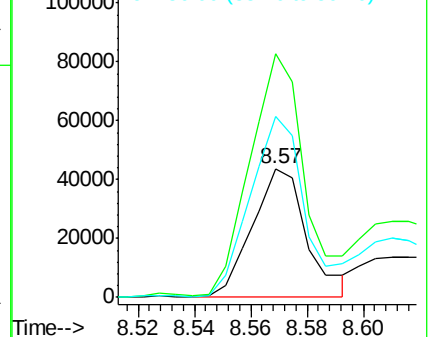
56 141.1 118.8 158.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 51.477 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

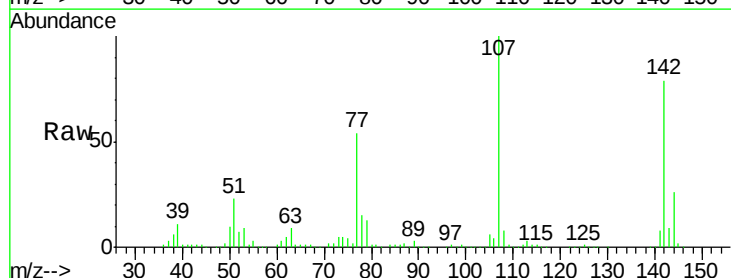
Tgt Ion:107 Resp: 446422

Ion Ratio Lower Upper

107 100

144 26.1 19.7 29.5

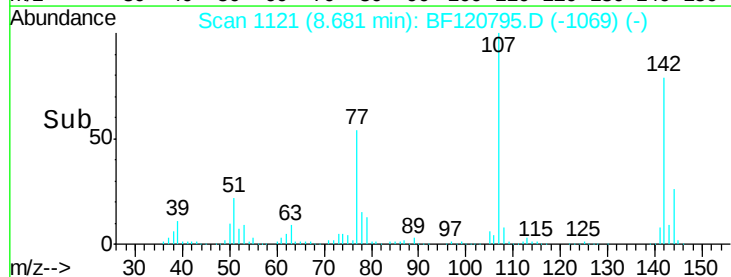
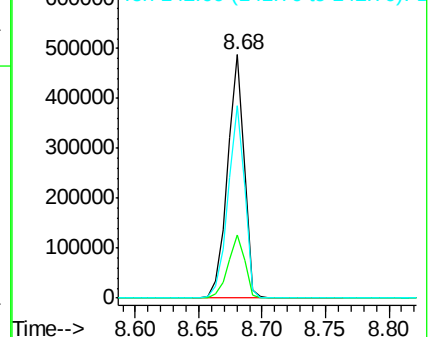
142 79.3 61.2 91.8

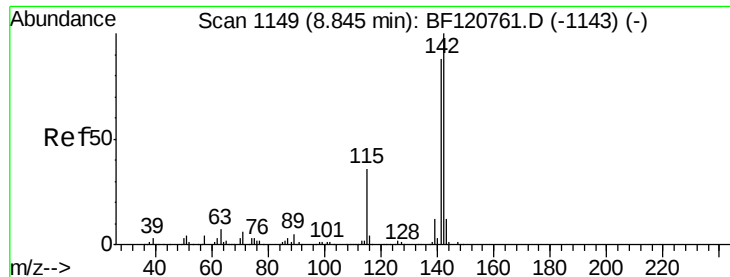


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

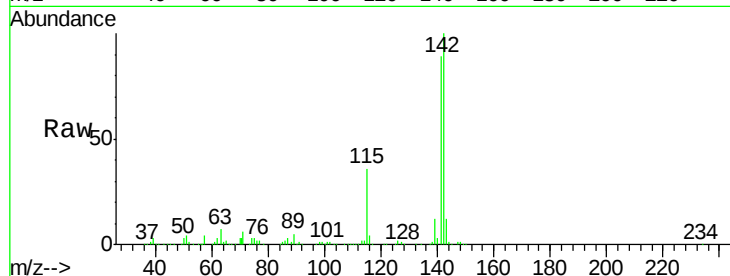




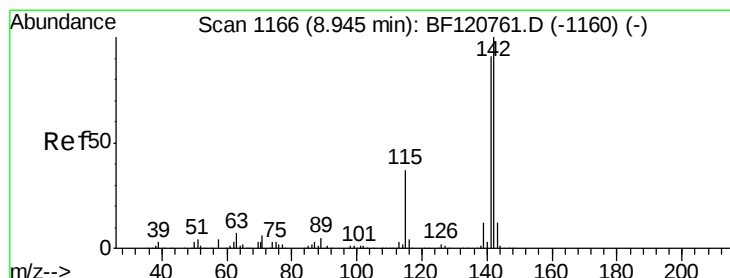
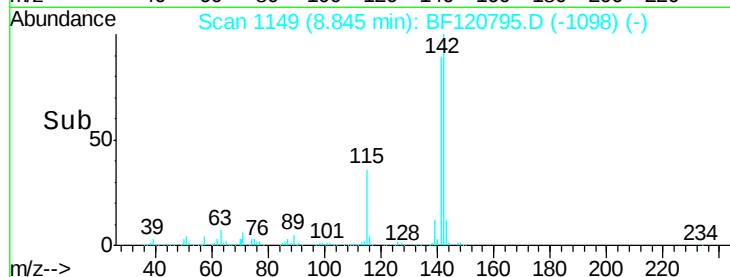
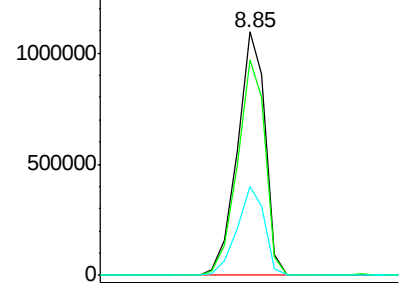
#37
2-Methylnaphthalene
Concen: 51.258 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

Tot Ion:142 Resp: 1000828
Ion Ratio Lower Upper
142 100
141 88.6 70.2 105.4
115 36.3 29.0 43.4

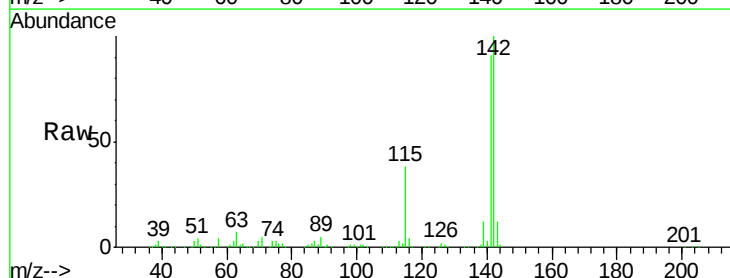


Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

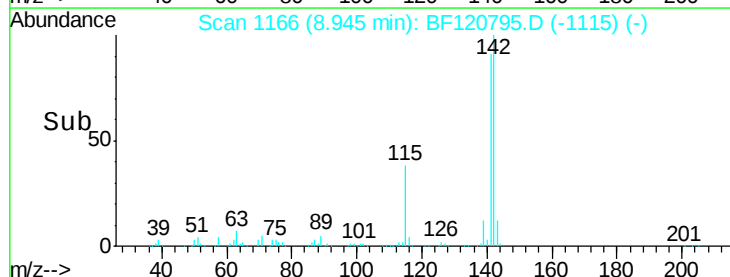
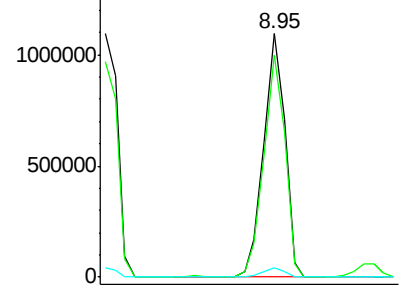


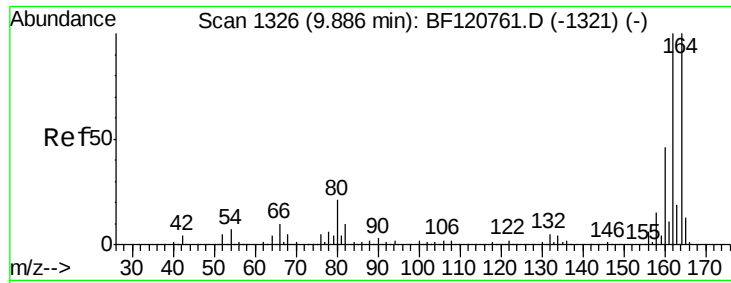
#38
1-Methylnaphthalene
Concen: 51.615 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:142 Resp: 944010
Ion Ratio Lower Upper
142 100
141 91.4 72.5 108.7
116 4.0 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

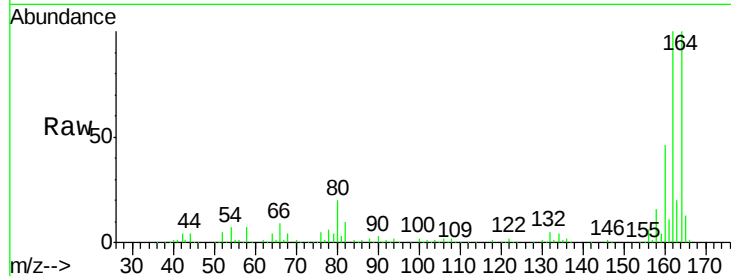




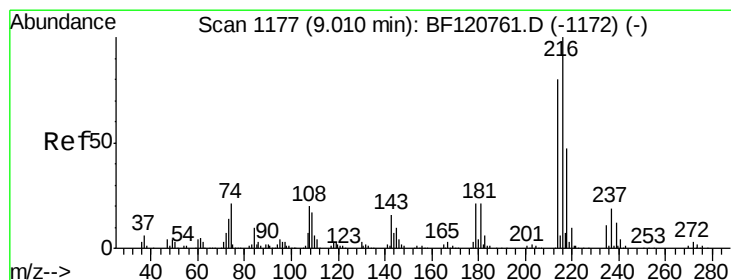
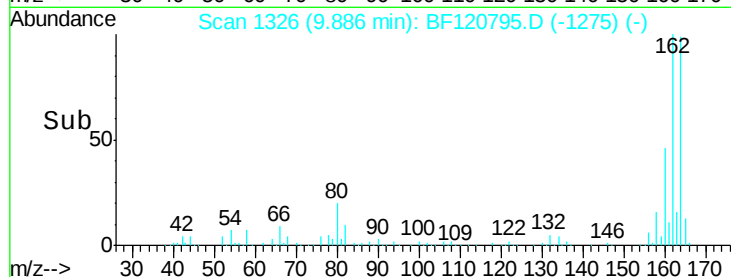
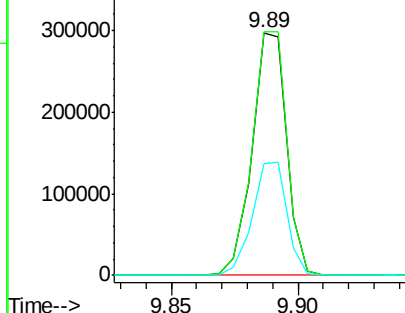
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

Tot Ion:164 Resp: 282597
Ion Ratio Lower Upper
164 100
162 100.5 80.2 120.2
160 46.1 36.9 55.3

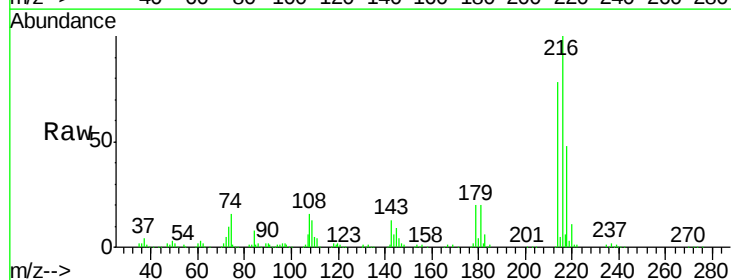


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

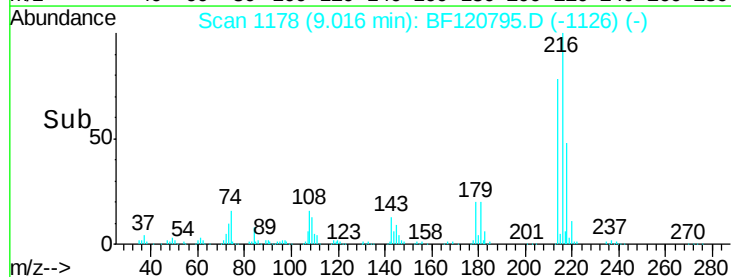
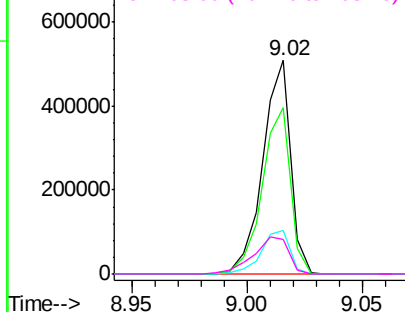


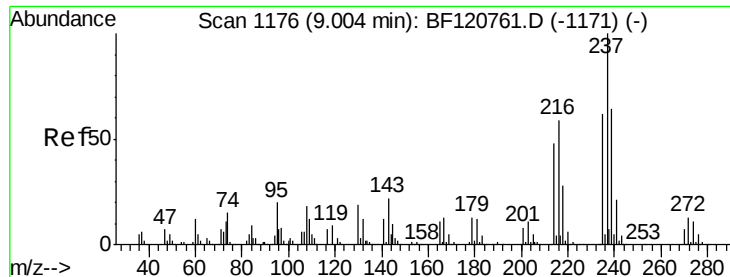
#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.877 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:216 Resp: 425985
Ion Ratio Lower Upper
216 100
214 79.2 63.7 95.5
179 21.3 16.7 25.1
108 22.4 17.0 25.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.231 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

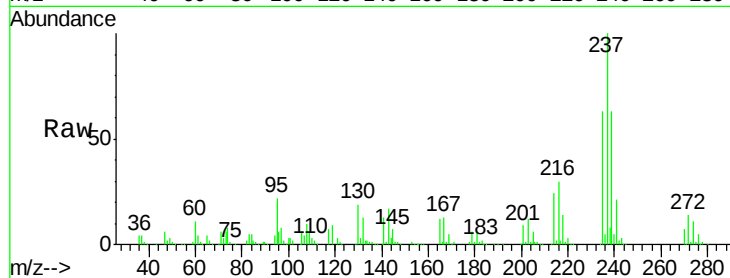
Tot Ion:237 Resp: 445229

Ion Ratio Lower Upper

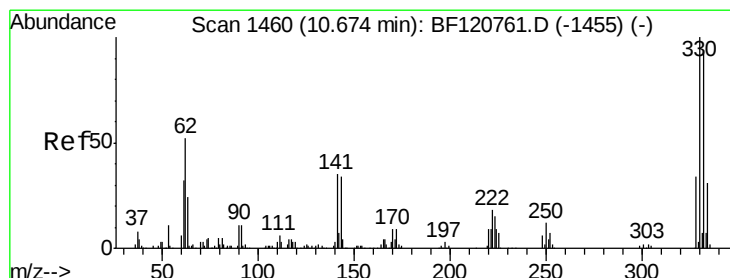
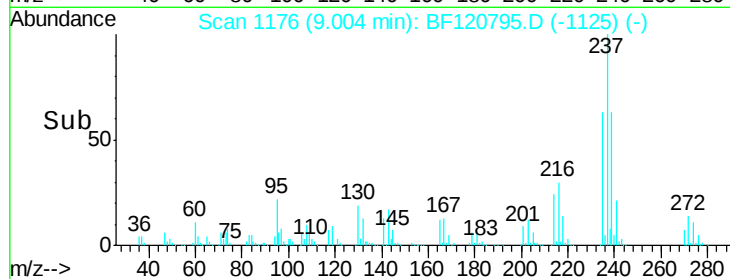
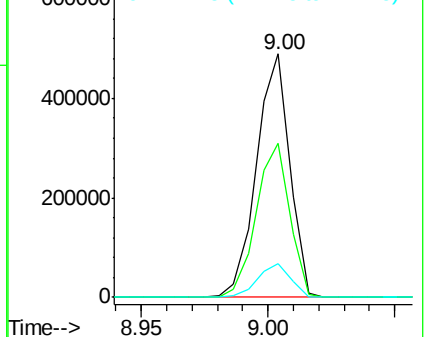
237 100

235 63.3 42.1 82.1

272 13.7 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 156.688 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

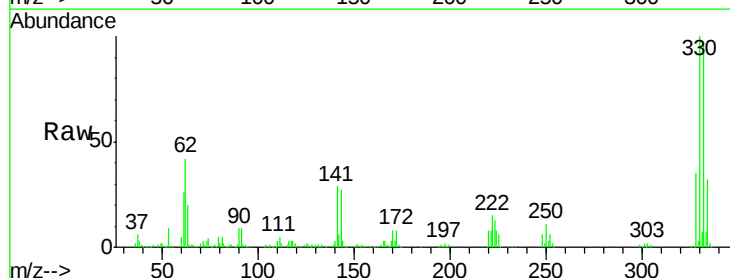
Tgt Ion:330 Resp: 444852

Ion Ratio Lower Upper

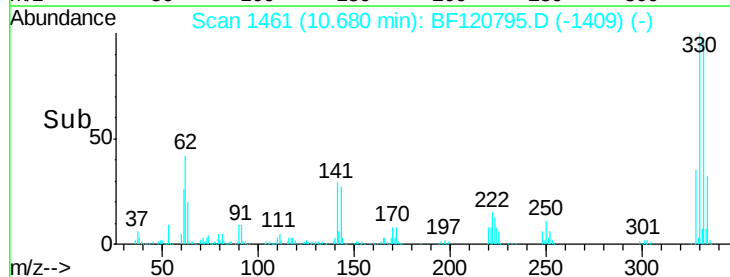
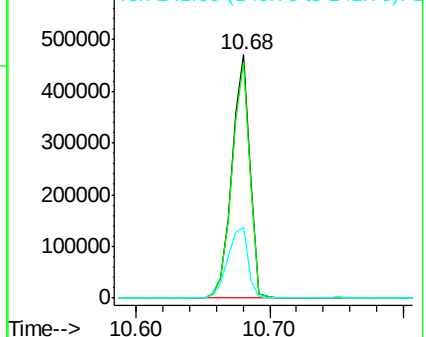
330 100

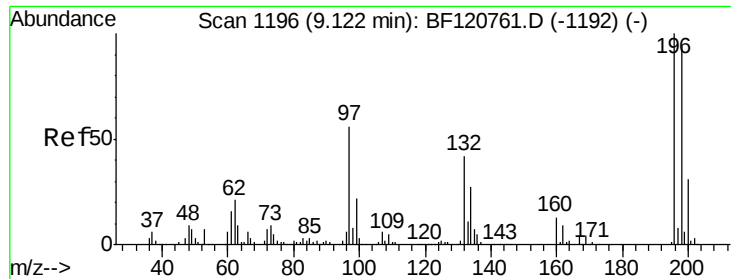
332 96.8 75.8 113.6

141 33.3 29.7 44.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

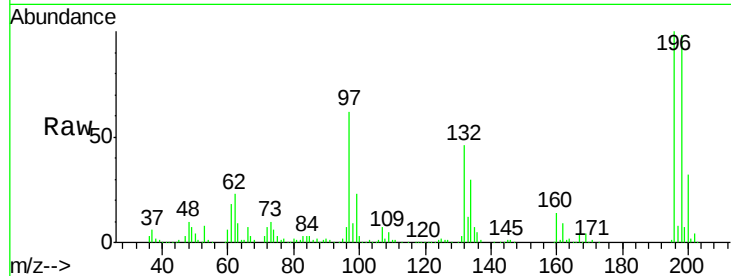




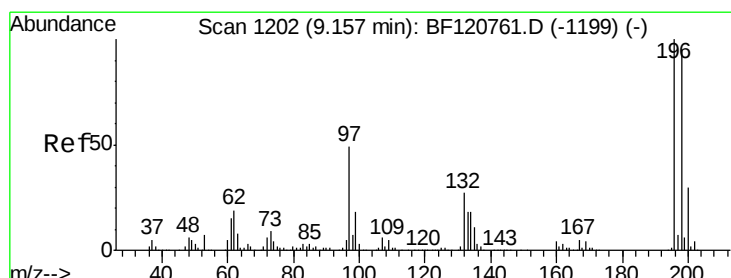
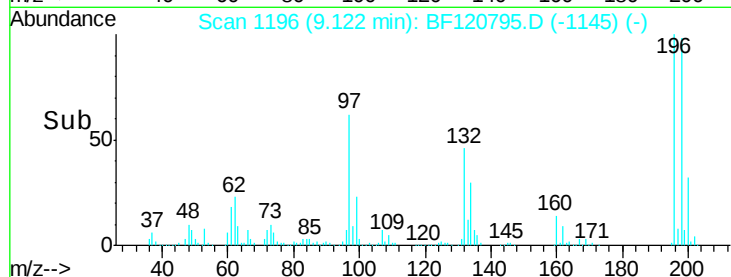
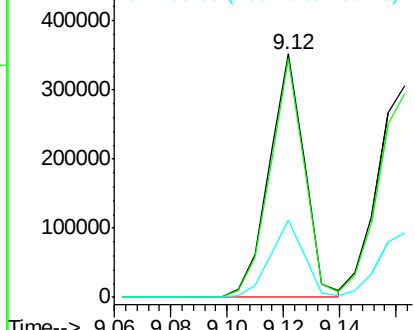
#43
 2,4,6-Trichlorophenol
 Concen: 52.045 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Tot Ion:196 Resp: 302889
 Ion Ratio Lower Upper
 196 100
 198 98.0 75.3 112.9
 200 31.6 24.4 36.6



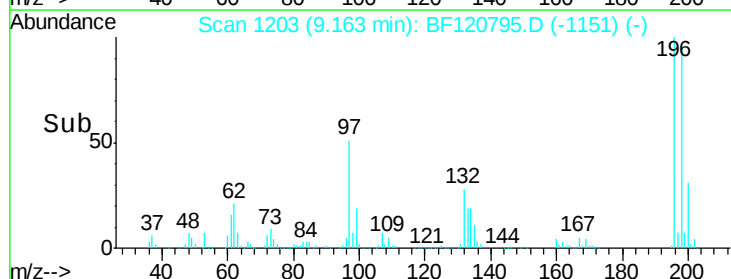
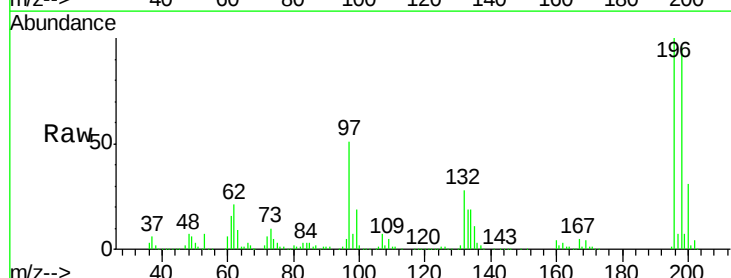
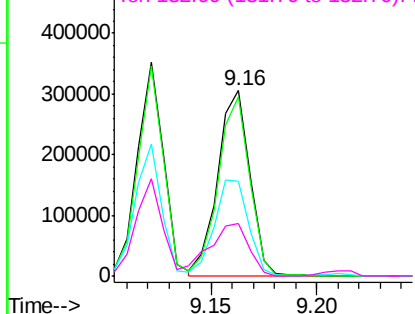
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

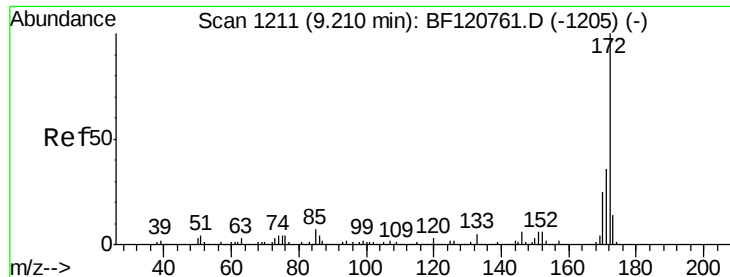


#44
 2,4,5-Trichlorophenol
 Concen: 49.597 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:196 Resp: 320329
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.2 114.2
 97 51.3 39.6 59.4
 132 28.2 22.0 33.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



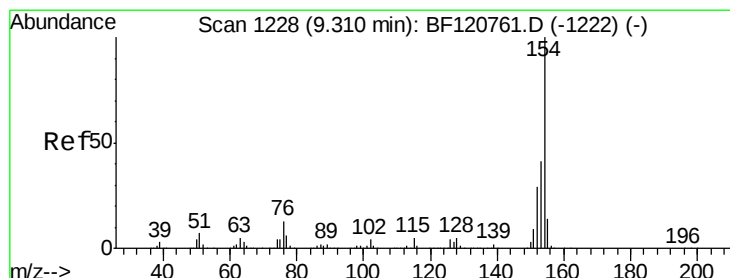
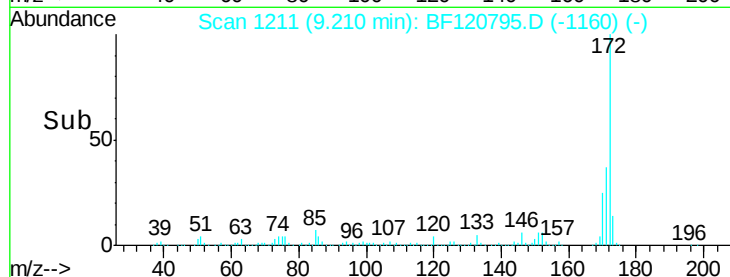
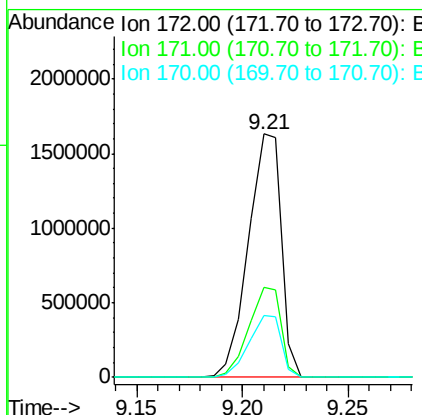
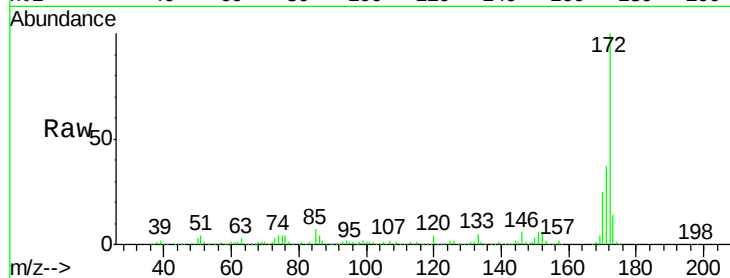


#45
 2-Fluorobiphenyl
 Concen: 94.779 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Tot Ion:172 Resp: 1770337

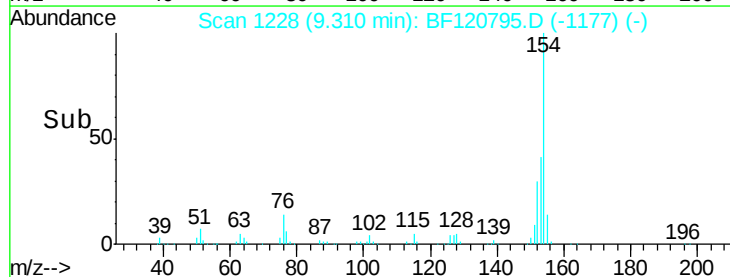
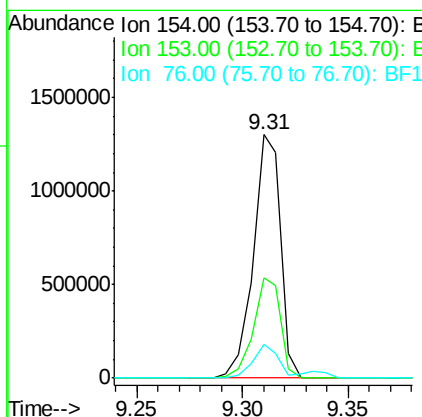
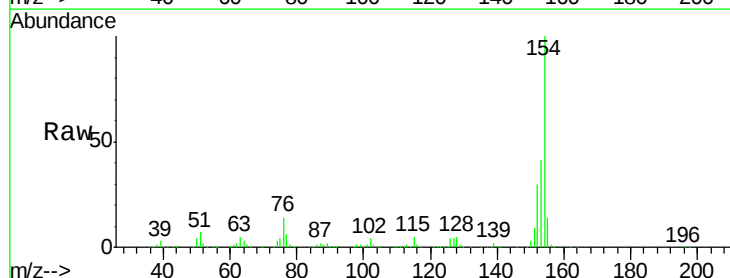
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	25.2	19.8	29.6

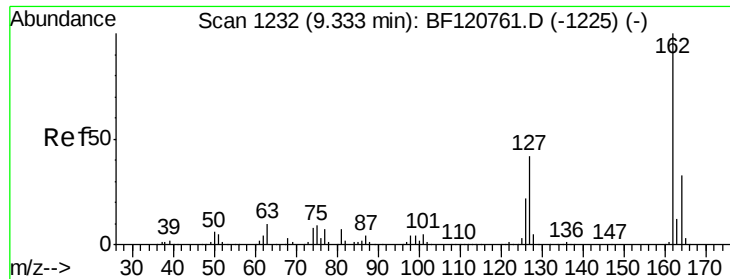


#46
 1,1'-Biphenyl
 Concen: 51.067 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:154 Resp: 1164067

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.7	60.7
76	13.7	0.0	33.3

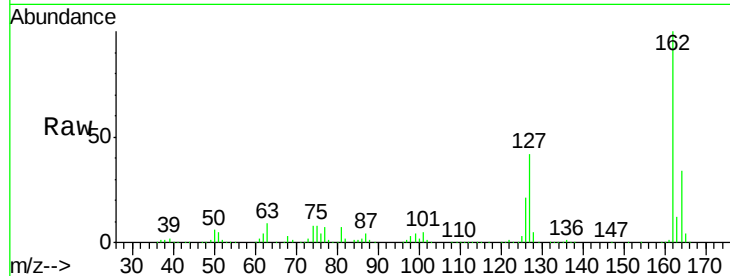




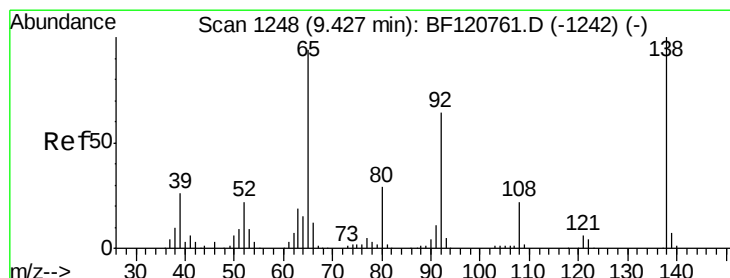
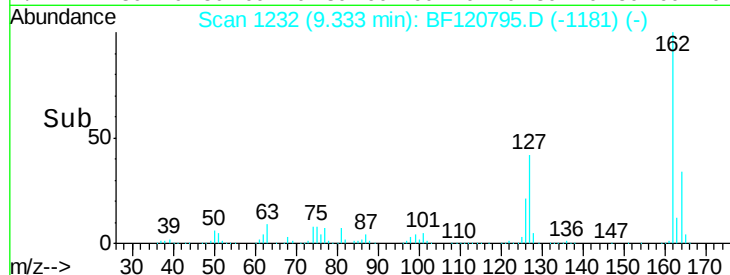
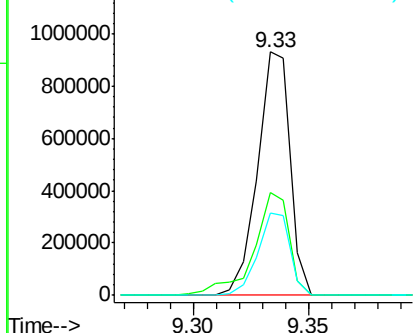
#47
 2-Chloronaphthalene
 Concen: 50.154 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Tot Ion:162 Resp: 915899
 Ion Ratio Lower Upper
 162 100
 127 42.0 33.7 50.5
 164 33.8 26.4 39.6

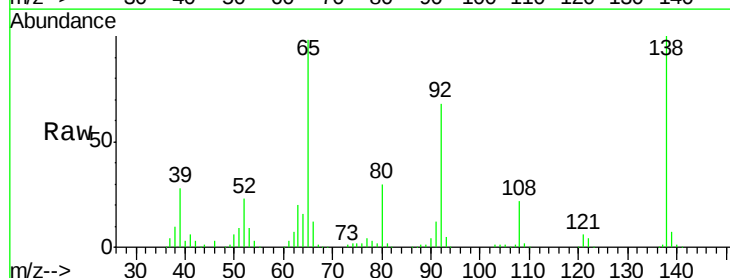


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

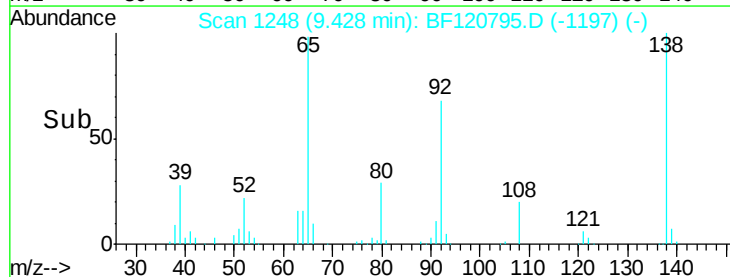
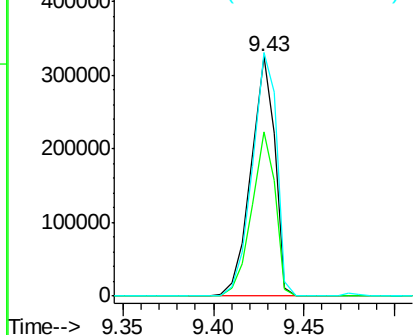


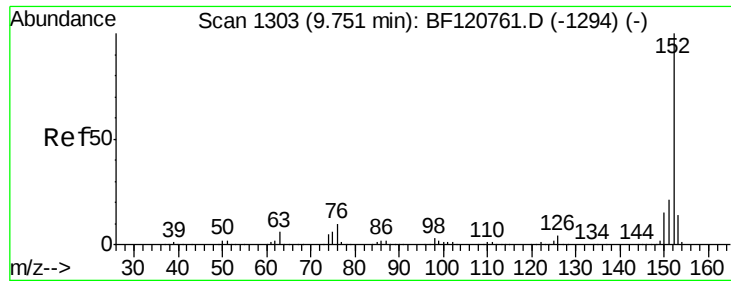
#48
 2-Nitroaniline
 Concen: 54.090 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion: 65 Resp: 297693
 Ion Ratio Lower Upper
 65 100
 92 68.8 54.4 81.6
 138 101.7 84.7 127.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.135 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

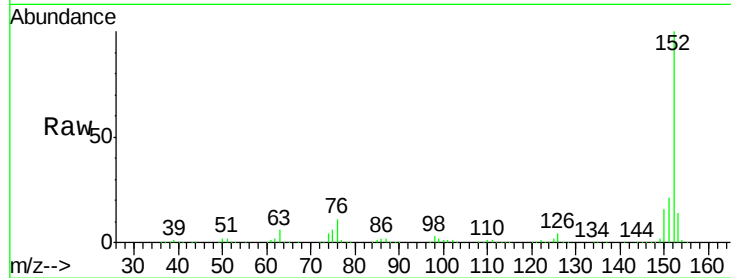
Tot Ion:152 Resp: 1435407

Ion Ratio Lower Upper

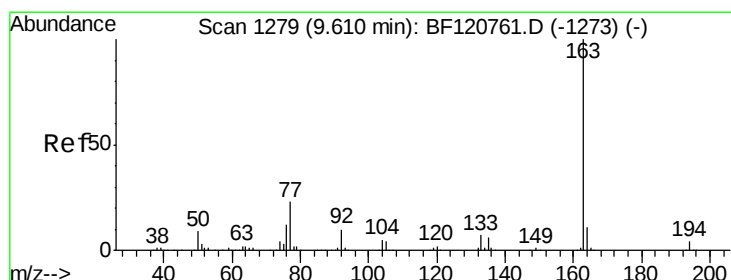
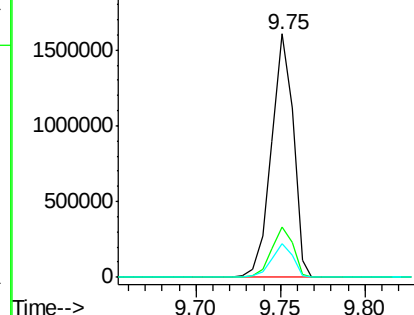
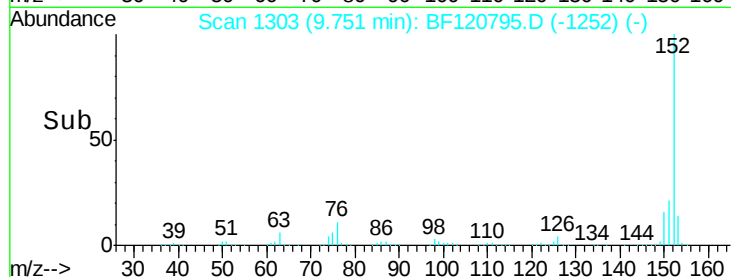
152 100

151 20.8 16.9 25.3

153 13.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.897 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

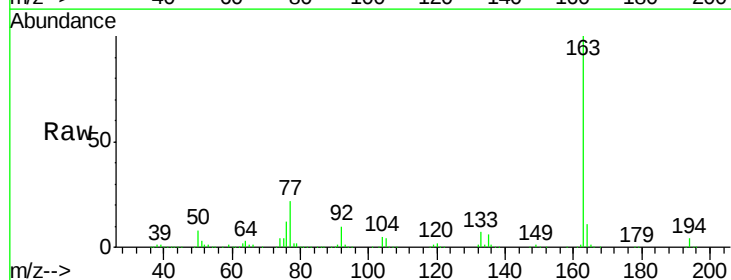
Tgt Ion:163 Resp: 1172926

Ion Ratio Lower Upper

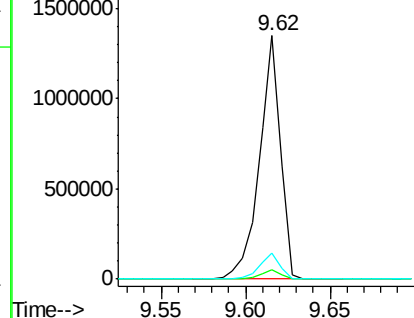
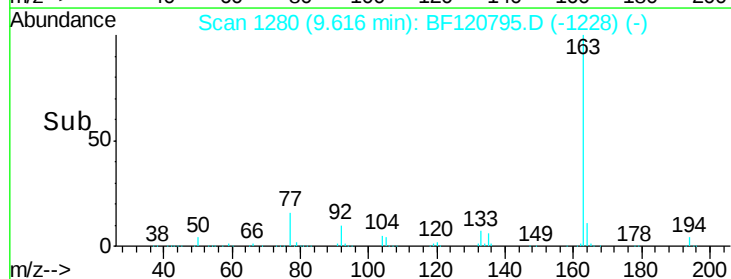
163 100

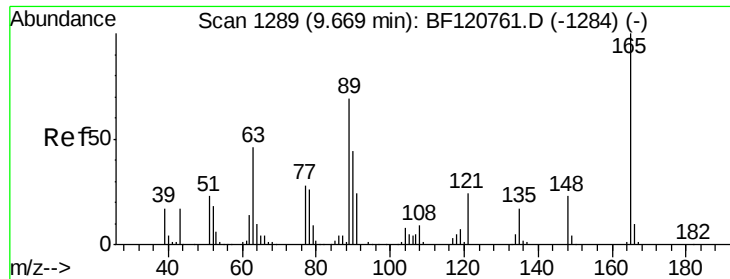
194 3.9 2.9 4.3

164 10.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

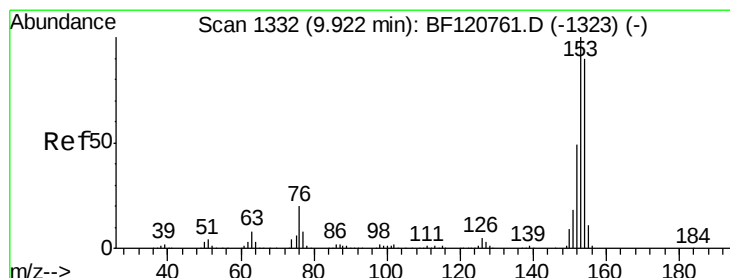
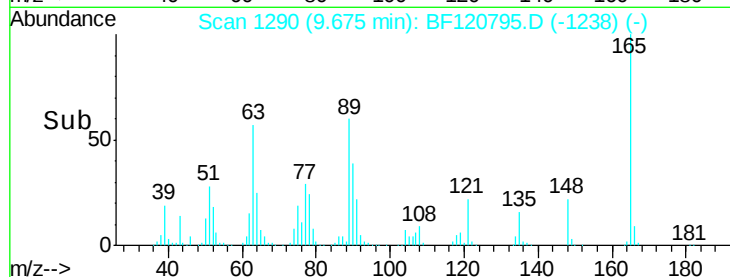
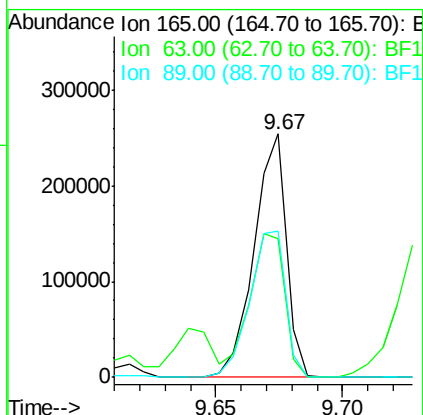
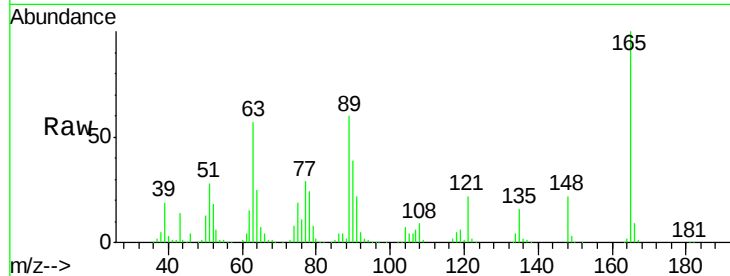




#51
 2,6-Dinitrotoluene
 Concen: 54.765 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

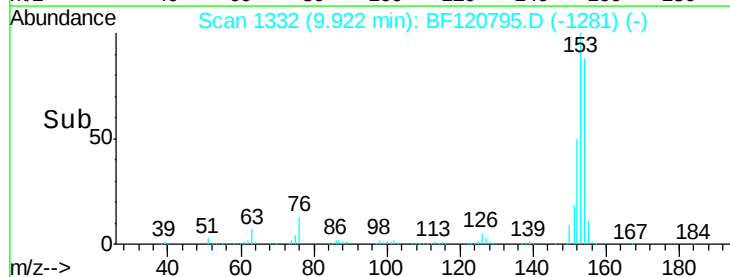
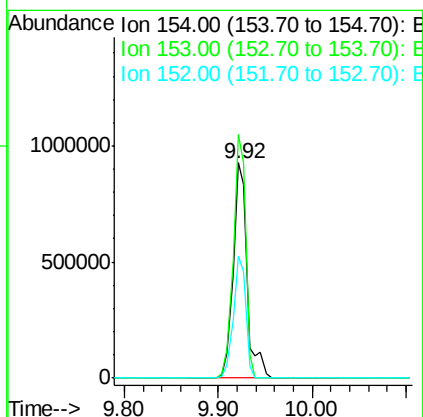
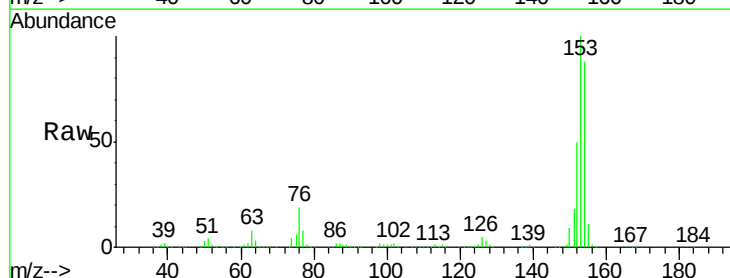
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

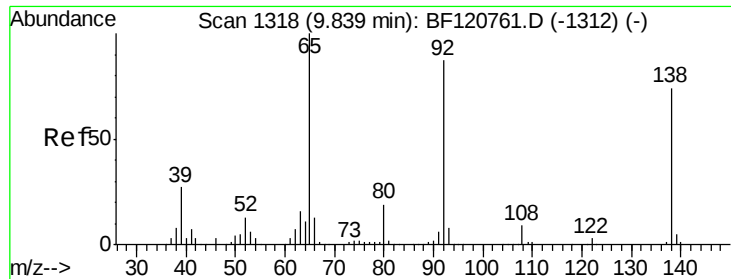
Tot Ion:165 Resp: 225753
 Ion Ratio Lower Upper
 165 100
 63 57.2 54.0 81.0
 89 60.3 55.4 83.2



#52
 Acenaphthene
 Concen: 53.614 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:154 Resp: 952293
 Ion Ratio Lower Upper
 154 100
 153 113.2 88.6 132.8
 152 56.9 43.6 65.4

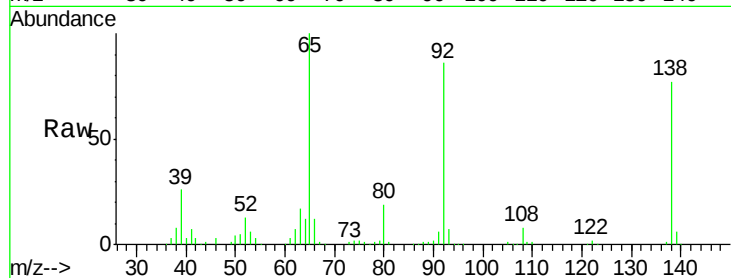




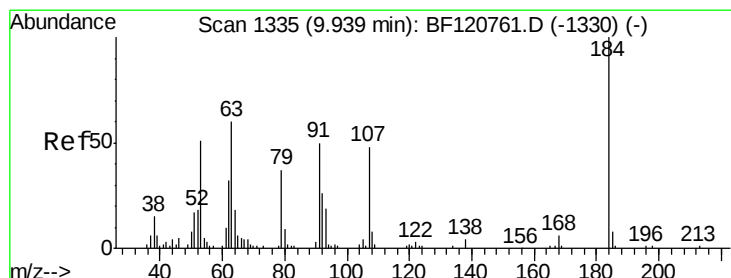
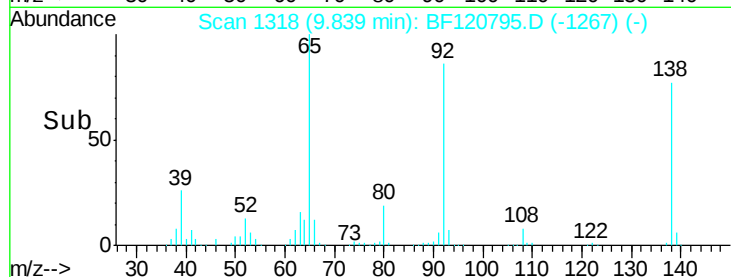
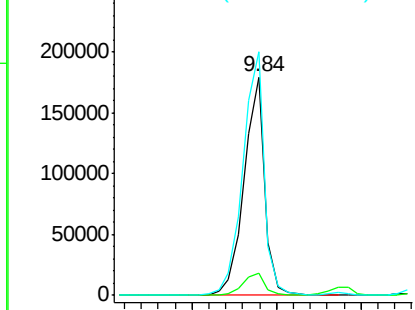
#53
3-Nitroaniline
Concen: 31.257 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

Tot Ion:138 Resp: 153096
Ion Ratio Lower Upper
138 100
108 10.2 9.8 14.6
92 111.4 93.4 140.2

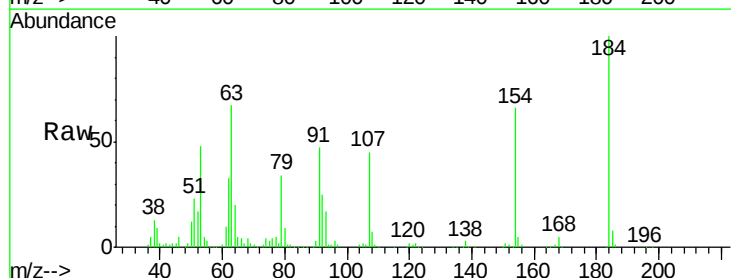


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

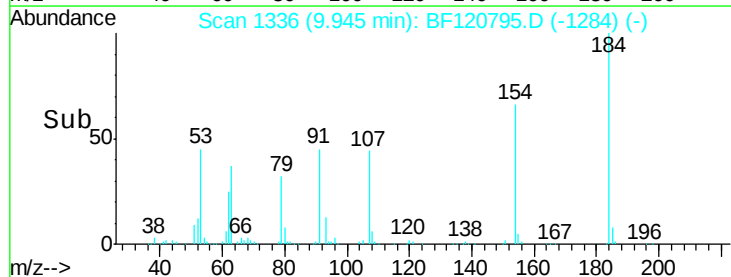
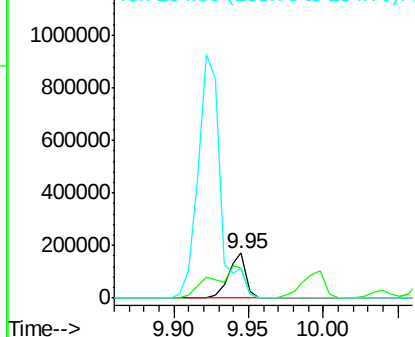


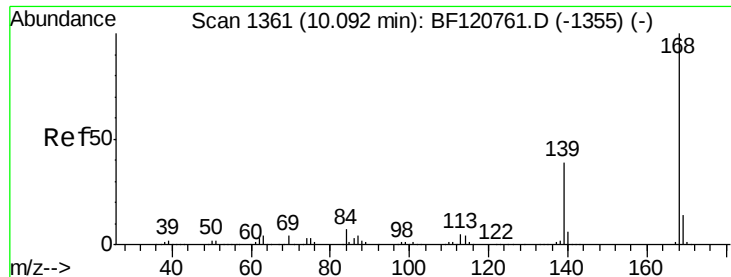
#54
2,4-Dinitrophenol
Concen: 88.511 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:184 Resp: 144521
Ion Ratio Lower Upper
184 100
63 67.2 57.3 85.9
154 65.7 55.8 83.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

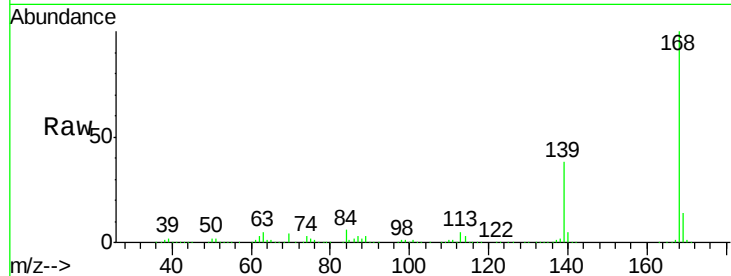




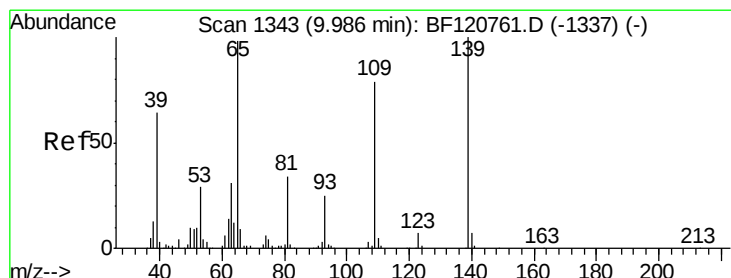
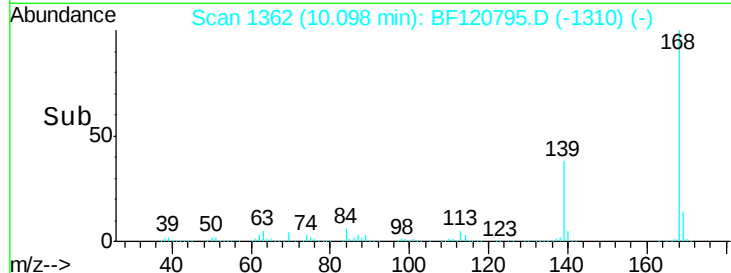
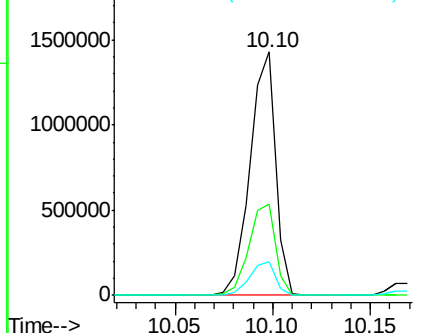
#55
Dibenzenofuran
Concen: 50.426 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

Tot Ion:168 Resp: 1291072
Ion Ratio Lower Upper
168 100
139 37.6 31.3 46.9
169 13.8 11.2 16.8

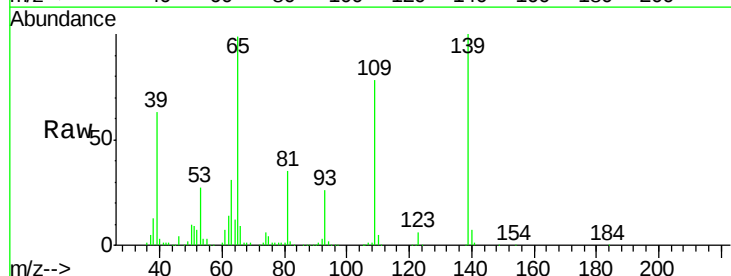


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

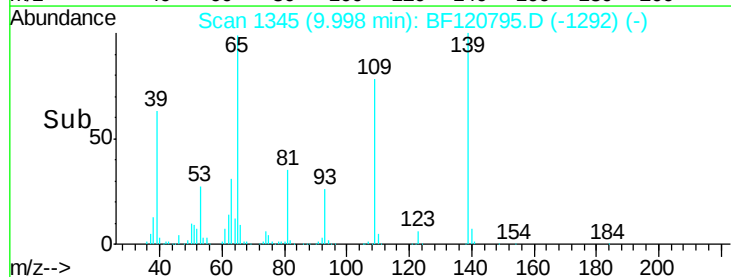
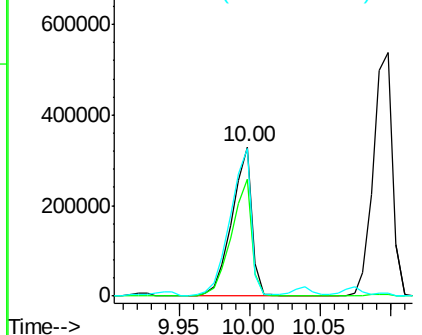


#56
4-Nitrophenol
Concen: 86.167 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:139 Resp: 326389
Ion Ratio Lower Upper
139 100
109 78.1 58.6 98.6
65 98.7 78.7 118.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 58.144 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

Tot Ion:165 Resp: 300274

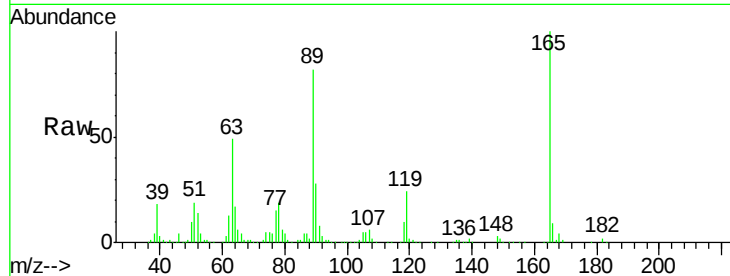
Ion Ratio Lower Upper

165 100

63 49.5 43.8 65.8

89 81.9 71.4 107.2

182 2.3 1.8 2.6

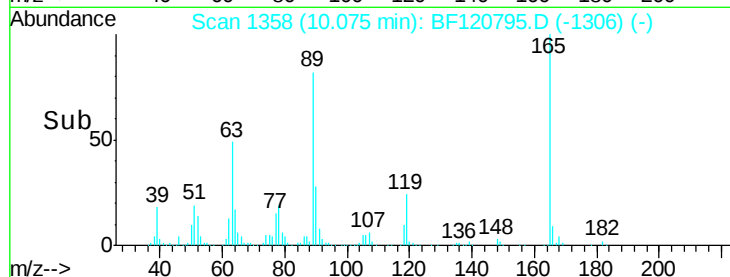


Abundance Ion 165.00 (164.70 to 165.70): E

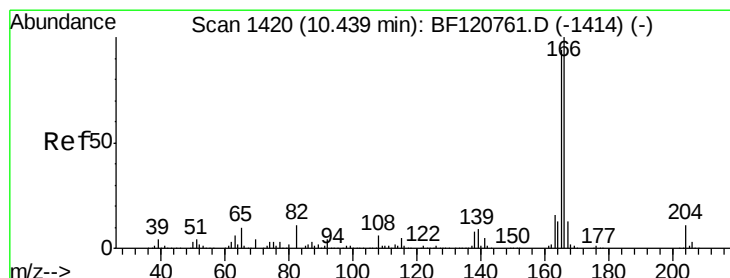
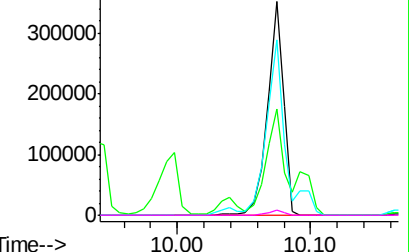
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#58

Fluorene

Concen: 49.052 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

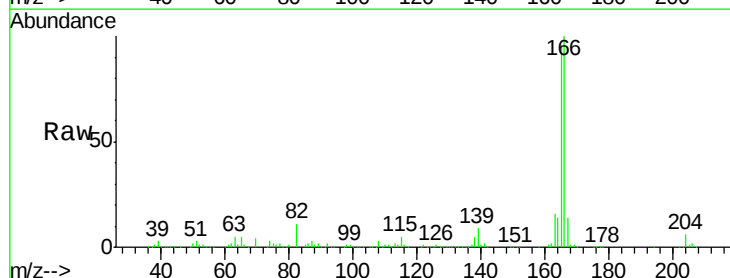
Tgt Ion:166 Resp: 934782

Ion Ratio Lower Upper

166 100

165 96.1 75.5 113.3

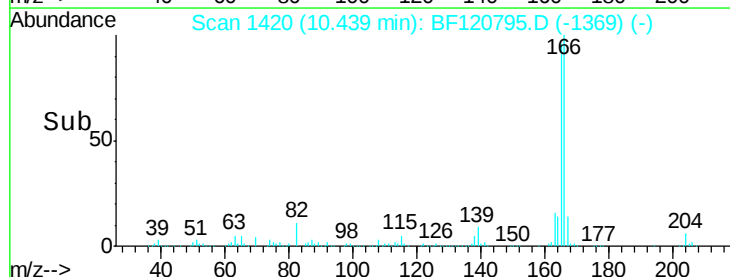
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

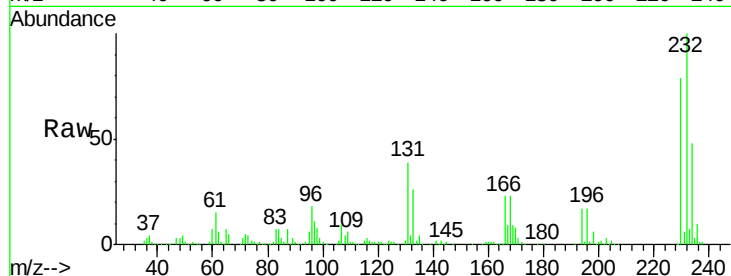




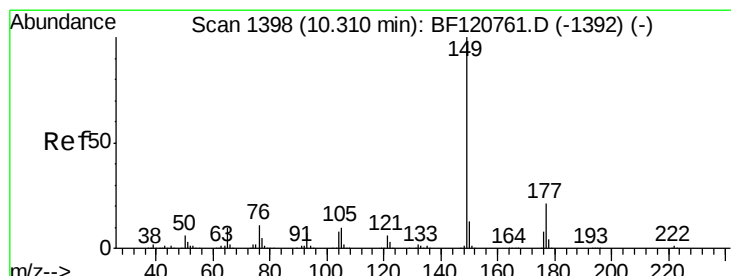
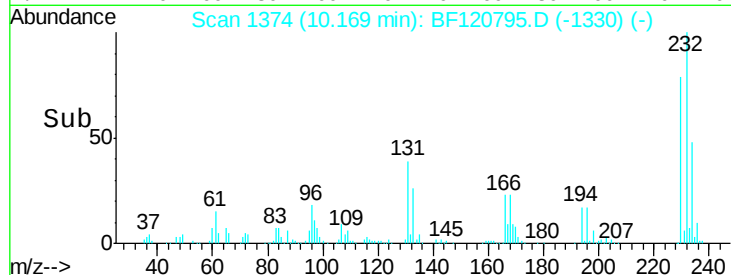
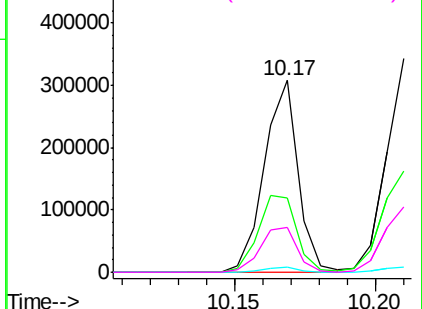
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.037 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

Tot Ion:232 Resp: 254908
Ion Ratio Lower Upper
232 100
131 45.7 36.3 54.5
130 2.7 2.0 3.0
166 25.5 20.9 31.3

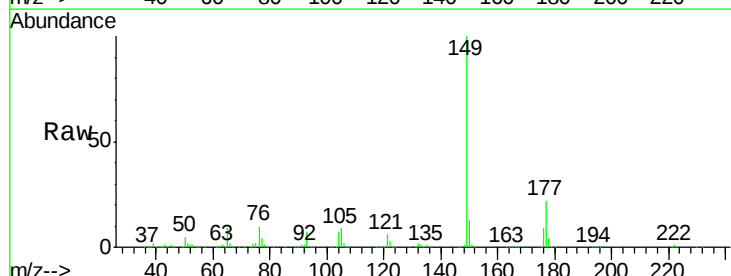


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

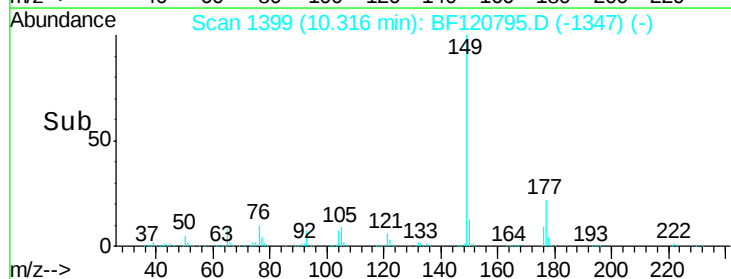
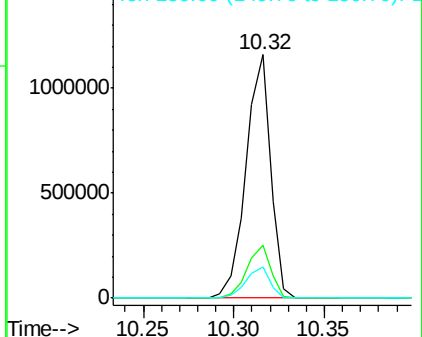


#60
Diethylphthalate
Concen: 50.948 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:149 Resp: 1094099
Ion Ratio Lower Upper
149 100
177 21.9 16.4 24.6
150 12.5 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

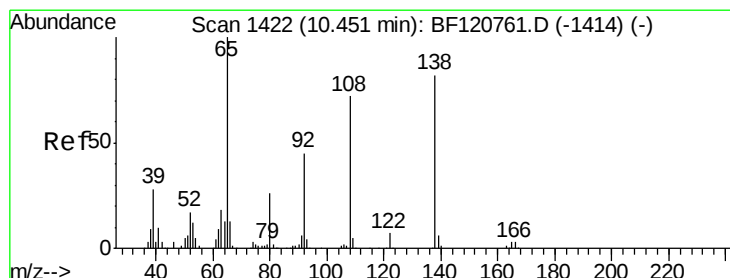
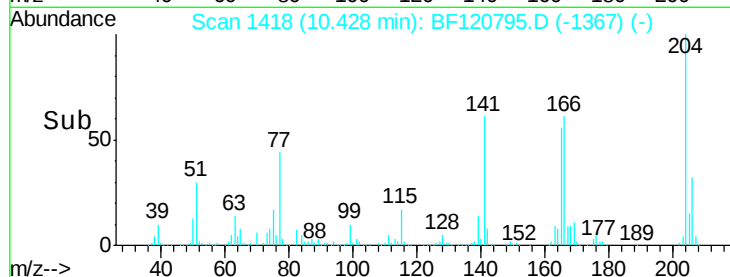
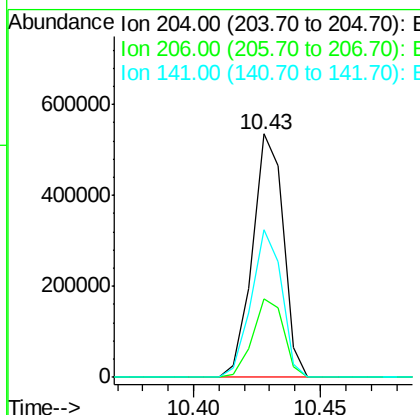
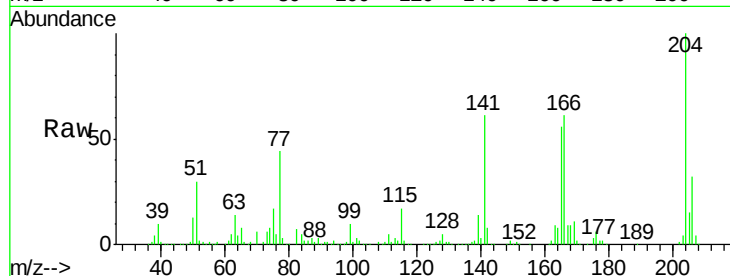




#61
 4-Chlorophenyl-phenylether
 Concen: 47.597 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

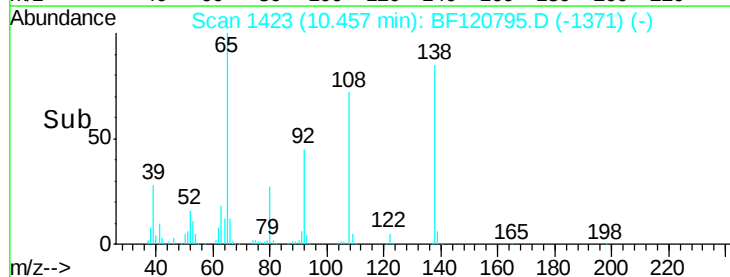
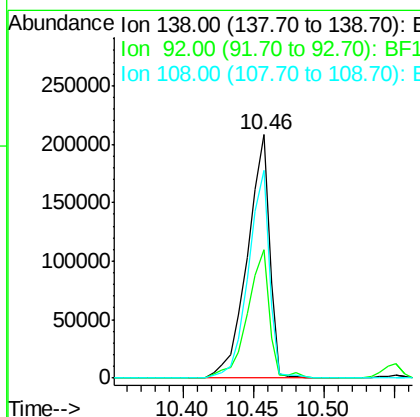
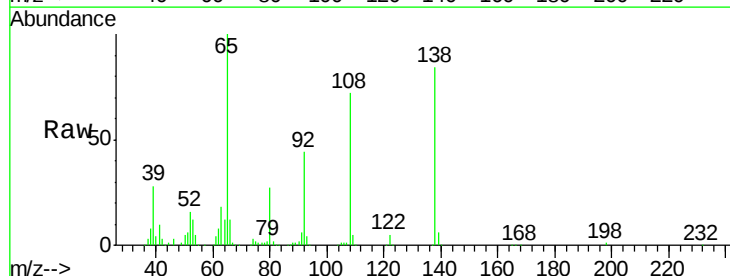
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

Tot Ion:204 Resp: 455986
 Ion Ratio Lower Upper
 204 100
 206 32.1 26.7 40.1
 141 60.8 48.5 72.7



#62
 4-Nitroaniline
 Concen: 52.608 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:138 Resp: 230423
 Ion Ratio Lower Upper
 138 100
 92 52.6 34.3 74.3
 108 85.4 68.3 108.3





#63

Azobenzene

Concen: 50.005 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

Tot Ion: 77 Resp: 1098491

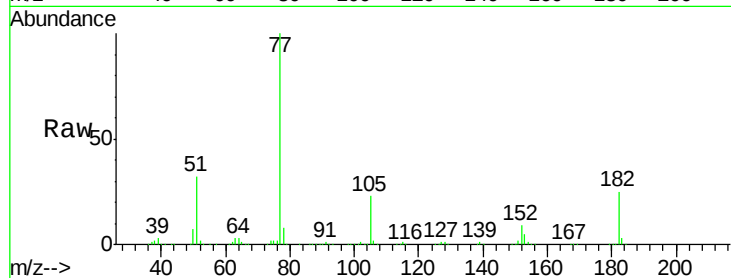
Ion Ratio Lower Upper

77 100

182 24.6 4.0 44.0

105 22.5 2.6 42.6

51 31.8 11.5 51.5

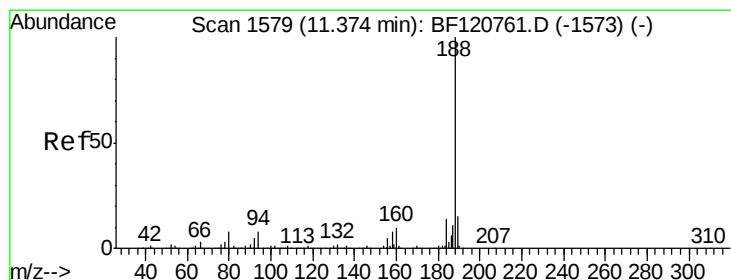
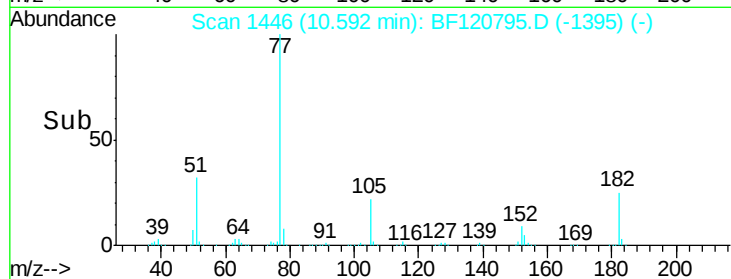
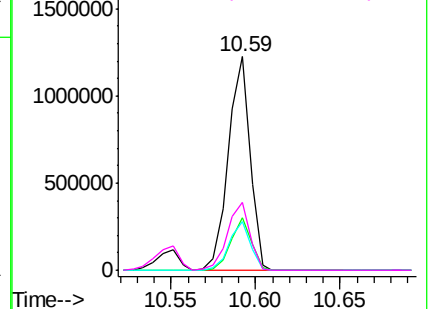


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

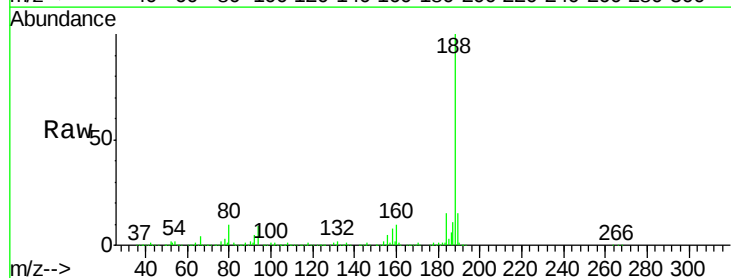
Tgt Ion: 188 Resp: 513148

Ion Ratio Lower Upper

188 100

94 9.1 6.6 9.8

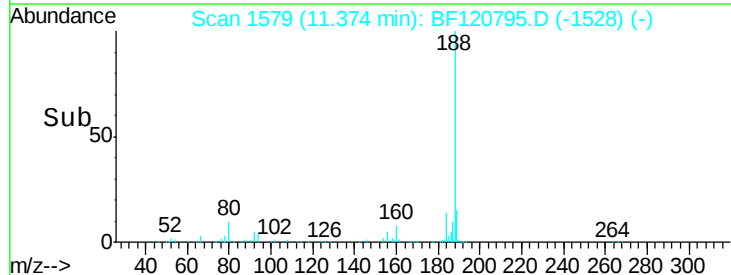
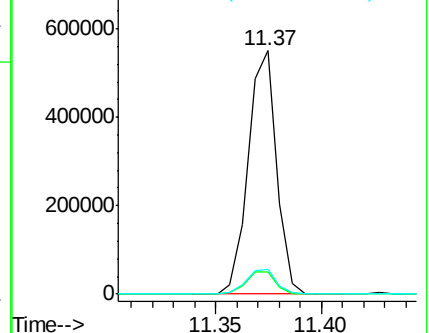
80 10.2 6.6 10.0#

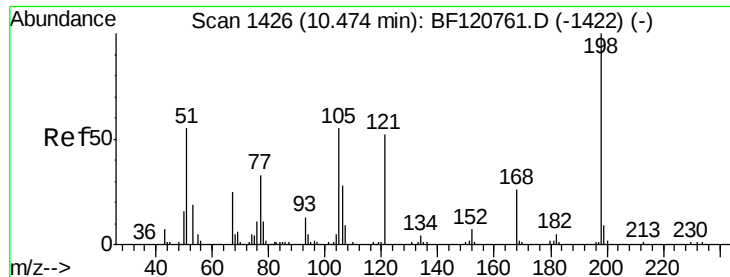


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

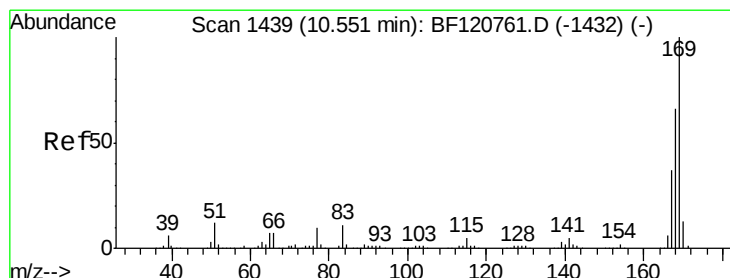
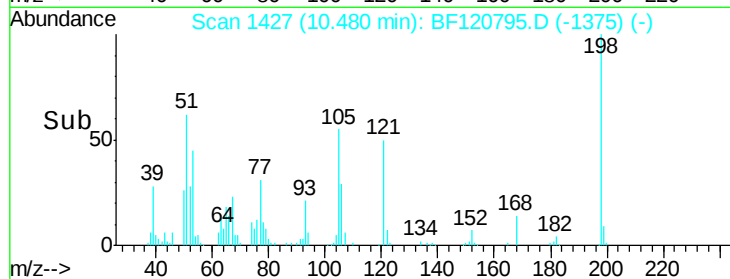
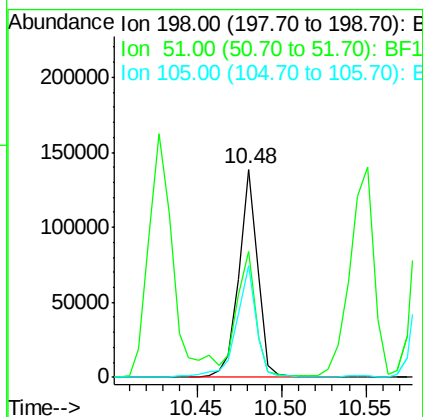
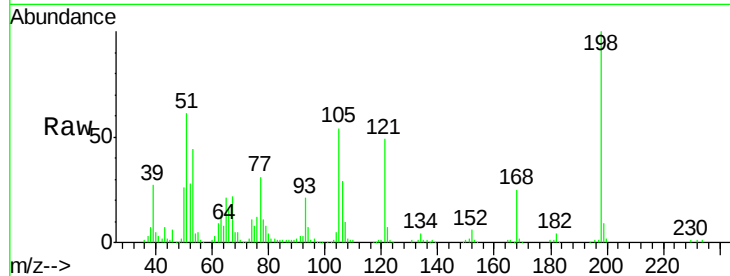




#65
4,6-Dinitro-2-methylphenol
Concen: 49.298 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

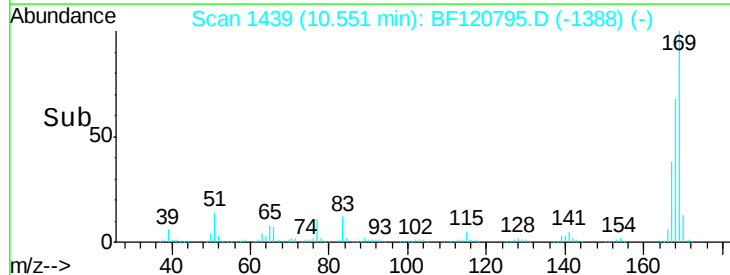
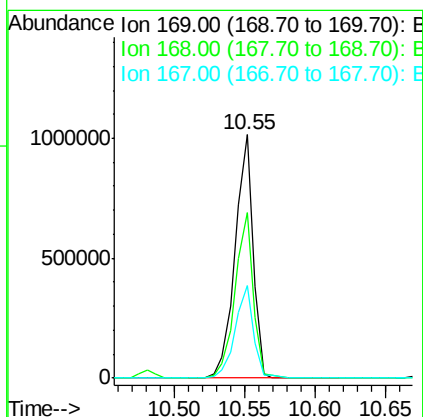
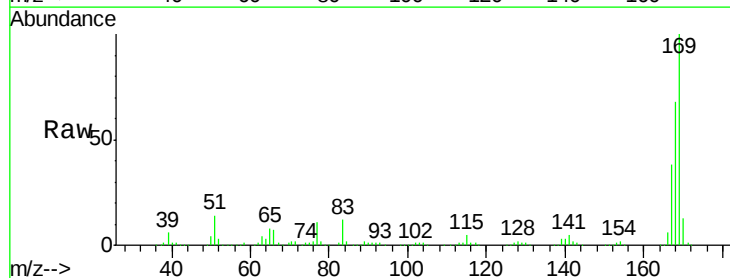
Instrument :
BNA_F
ClientSampleId :
RO-COMPMS

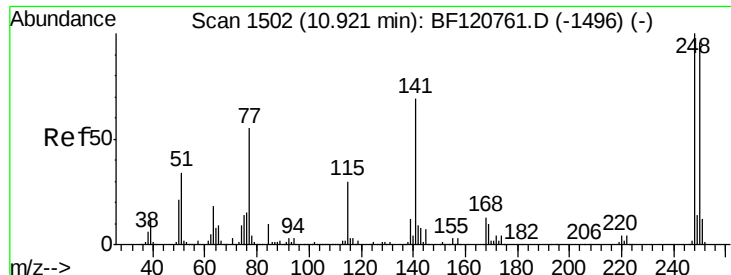
Tot Ion:198 Resp: 106858
Ion Ratio Lower Upper
198 100
51 60.6 50.0 90.0
105 53.8 38.3 78.3



#66
n-Nitrosodiphenylamine
Concen: 52.371 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF120795.D
Acq: 7 Jul 2020 18:55

Tgt Ion:169 Resp: 900755
Ion Ratio Lower Upper
169 100
168 67.9 53.1 79.7
167 37.9 29.6 44.4

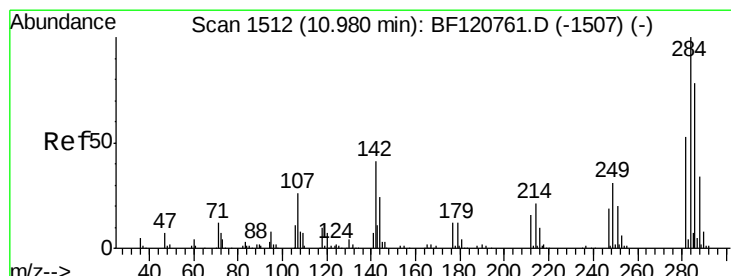
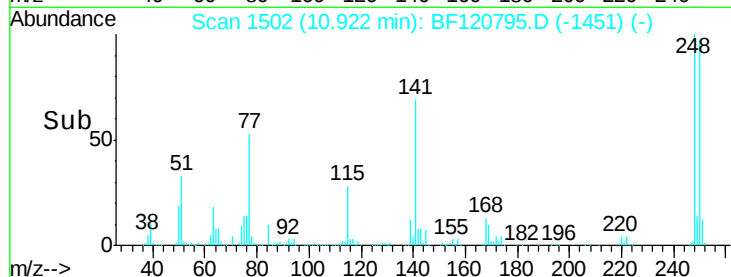
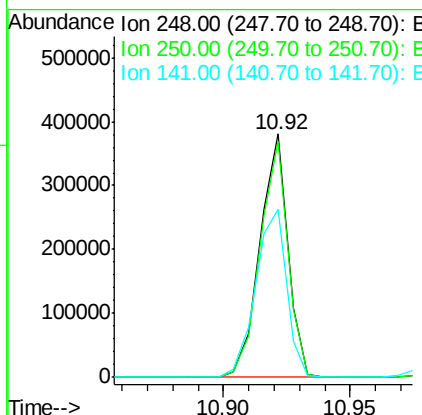
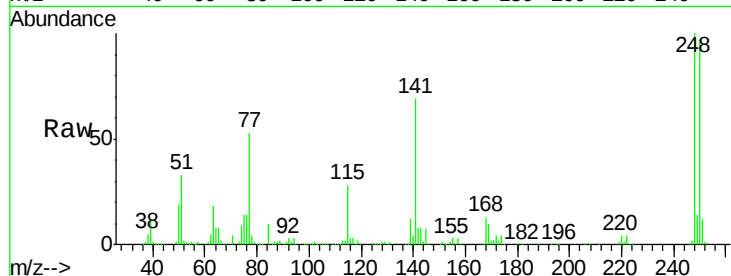




#67
 4-Bromophenyl-phenylether
 Concen: 49.409 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

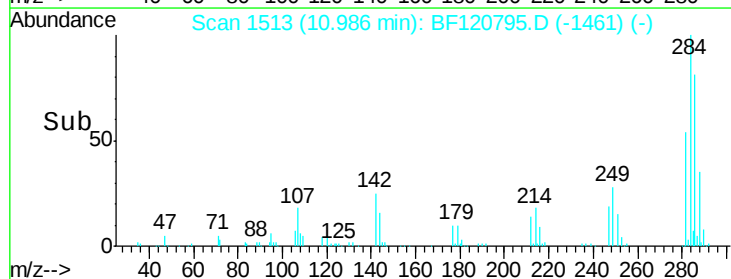
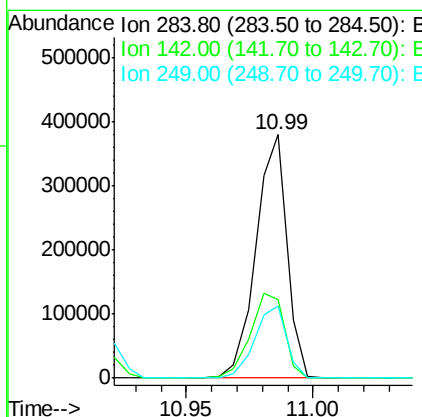
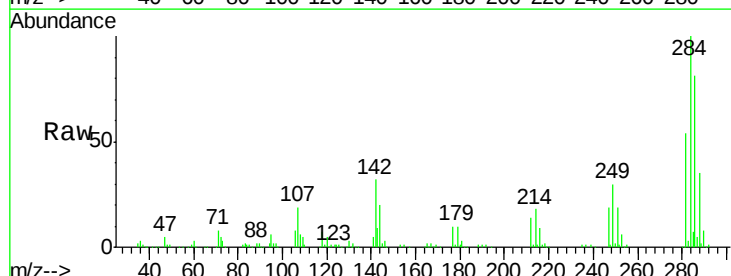
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

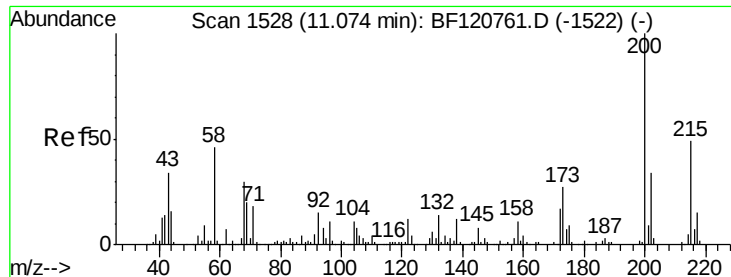
Tot Ion:248 Resp: 294108
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.5 114.7
 141 69.0 54.9 82.3



#68
 Hexachlorobenzene
 Concen: 51.916 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:284 Resp: 324282
 Ion Ratio Lower Upper
 284 100
 142 32.3 32.5 48.7#
 249 29.9 24.8 37.2

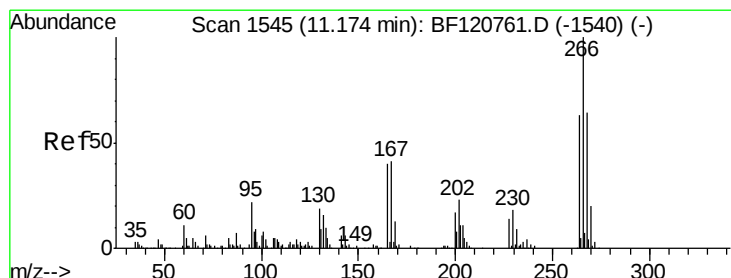
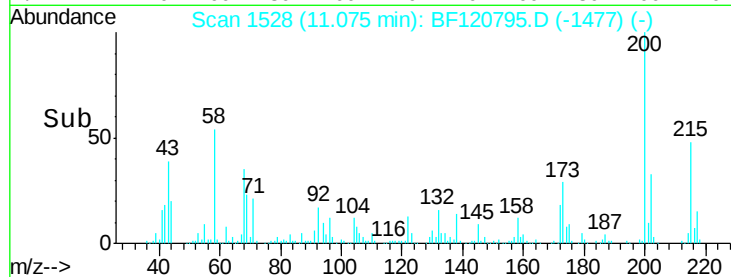
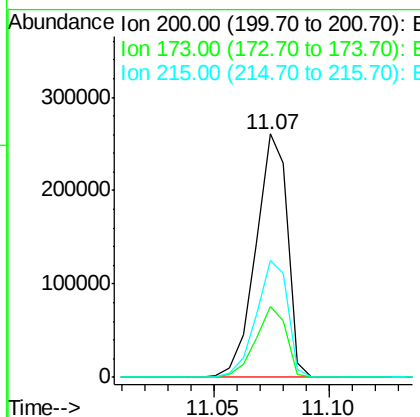
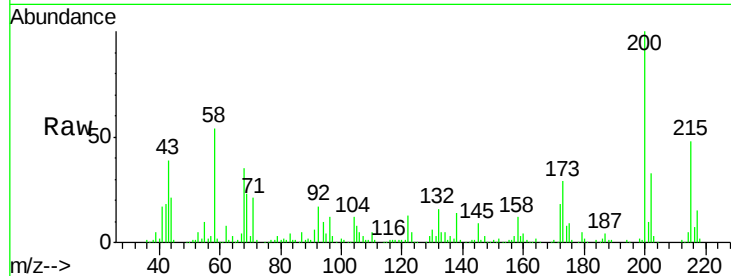




#69
 Atrazine
 Concen: 56.194 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

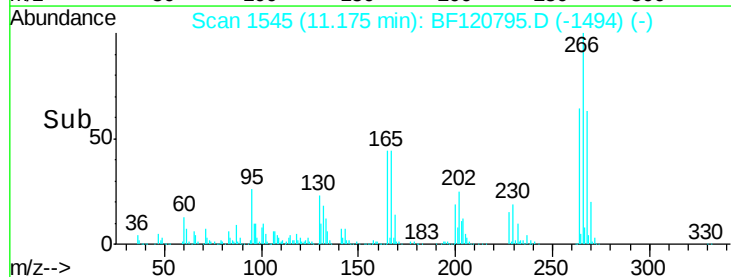
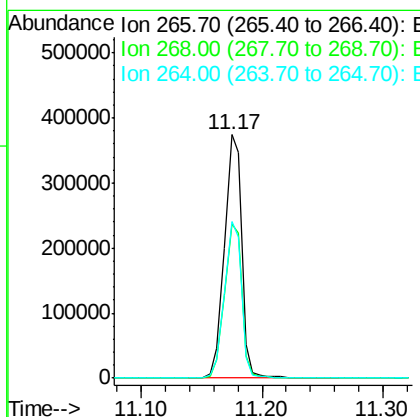
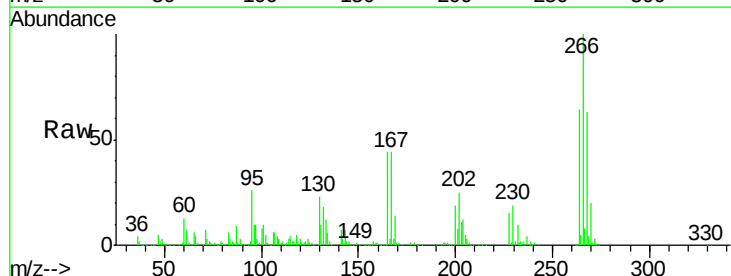
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

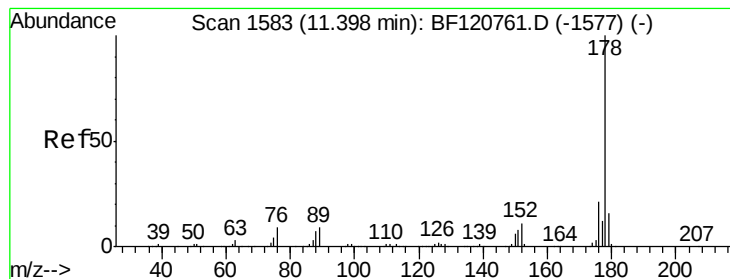
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	7.4	47.4
215	48.1	28.8	68.8



#70
 Pentachlorophenol
 Concen: 105.008 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.4	77.2
264	64.2	50.6	75.8





#71

Phenanthrene

Concen: 50.881 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

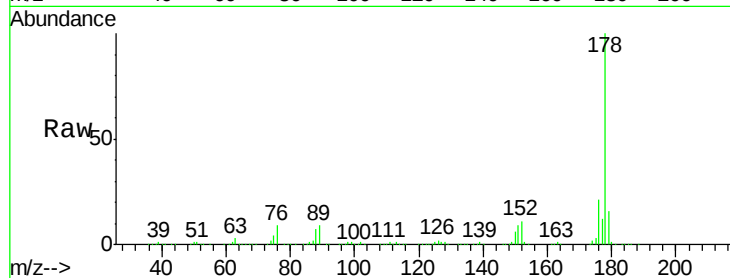
BNA_F

ClientSampleId :

RO-COMPMS

Tot Ion:178 Resp: 1416677

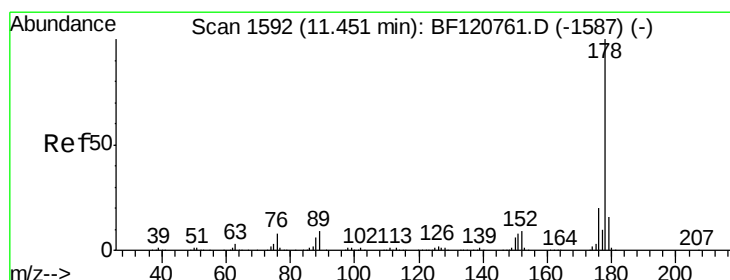
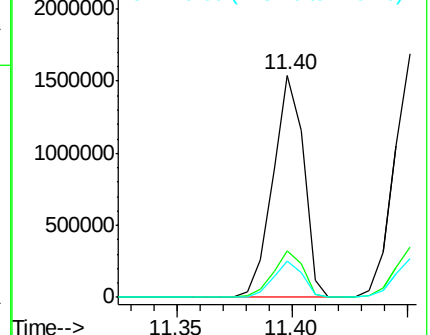
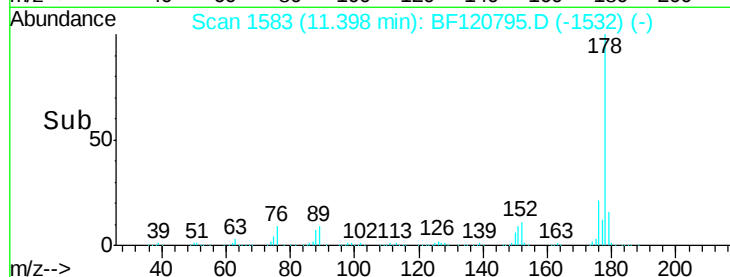
Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.4	24.6
179	16.2	12.9	19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.388 ng

RT: 11.45 min Scan# 1592

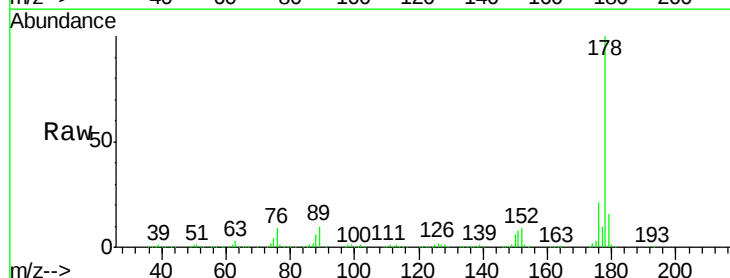
Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Tgt Ion:178 Resp: 1445830

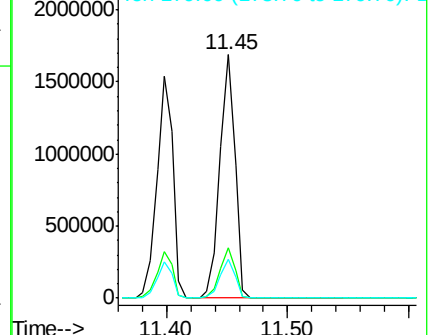
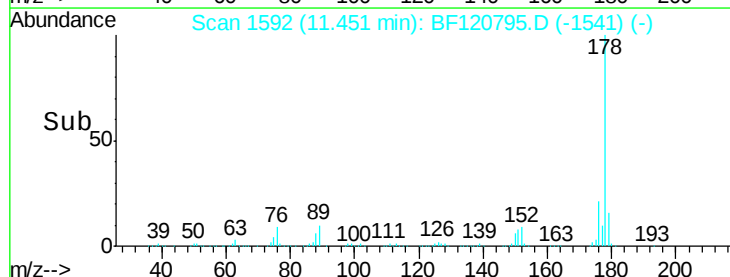
Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.2
179	16.0	12.7	19.1

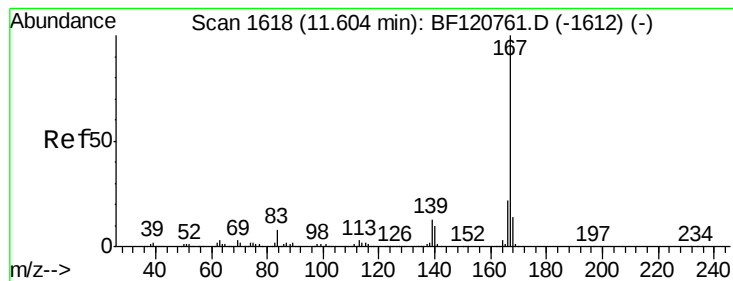


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 49.422 ng

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

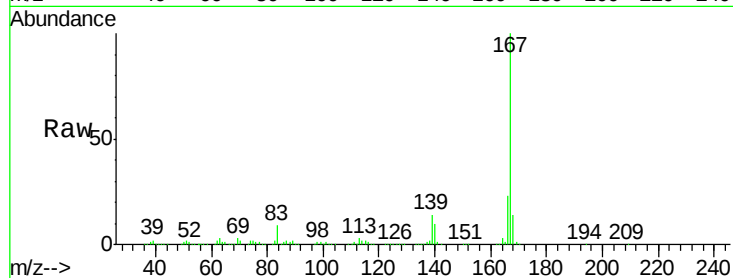
Tot Ion:167 Resp: 1336239

Ion Ratio Lower Upper

167 100

166 22.7 17.8 26.8

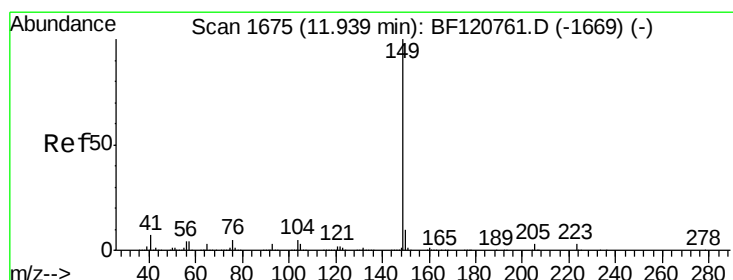
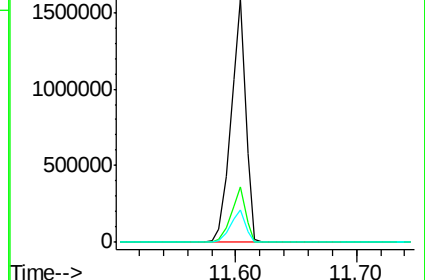
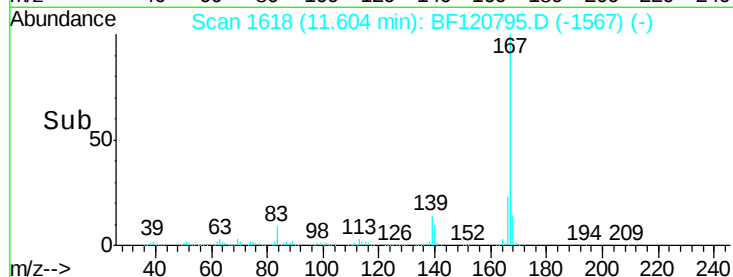
139 13.5 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.218 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

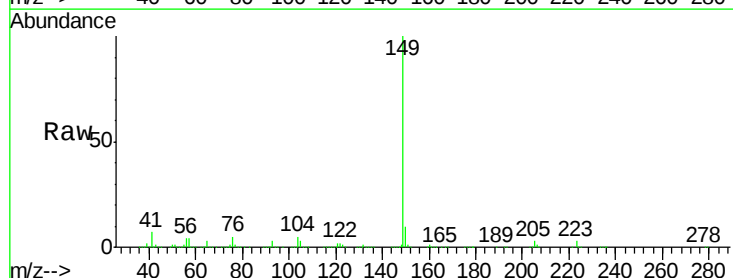
Tgt Ion:149 Resp: 1681006

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

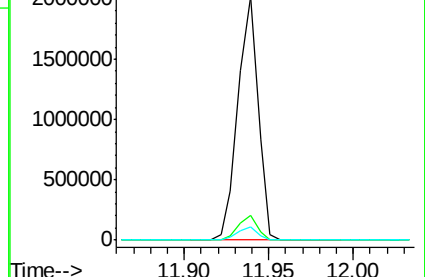
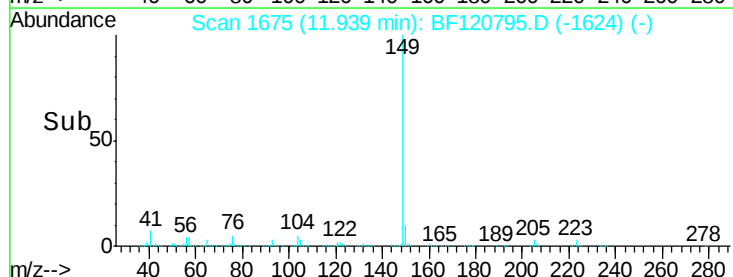
104 5.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

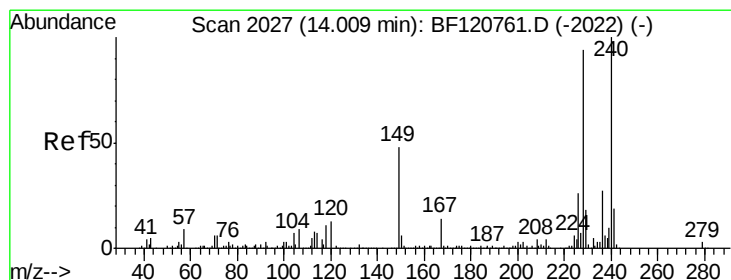
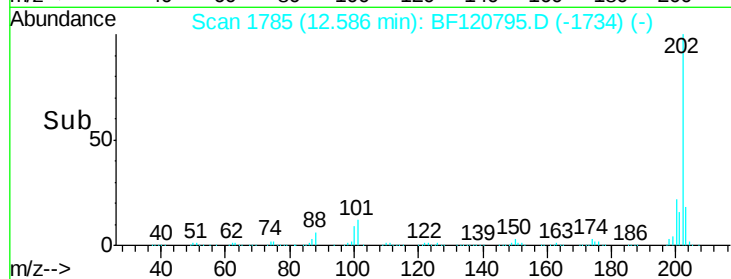
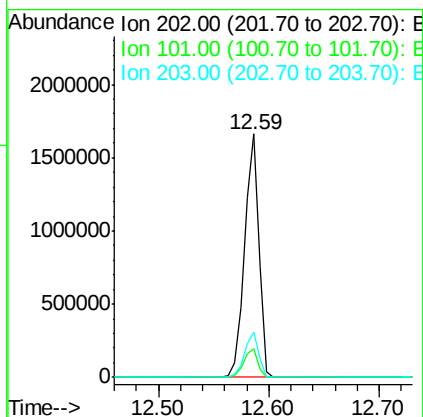
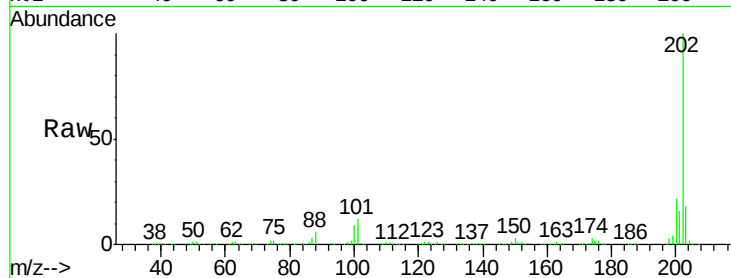




#75
 Fluoranthene
 Concen: 50.877 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

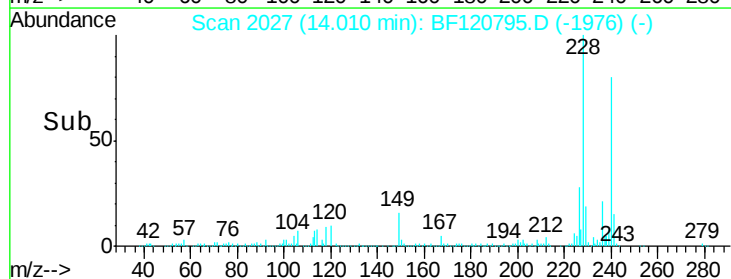
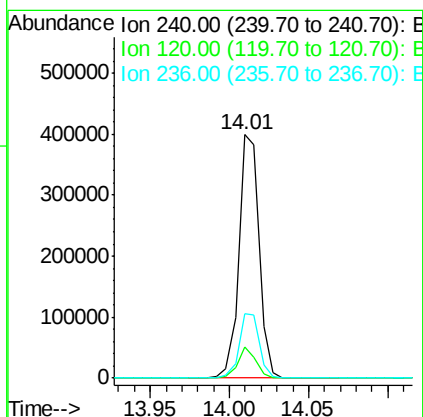
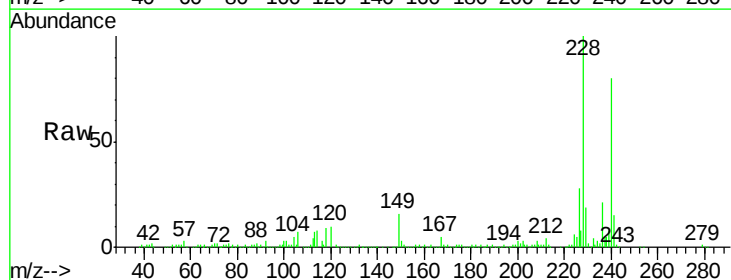
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

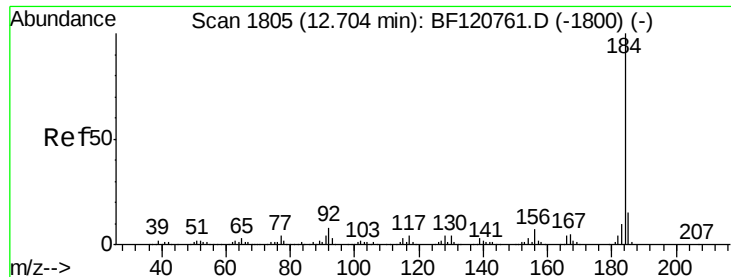
Tot Ion:202 Resp: 1509027
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 31.6
 203 18.4 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:240 Resp: 352435
 Ion Ratio Lower Upper
 240 100
 120 13.0 10.3 15.5
 236 26.6 21.4 32.2





#77

Benzidine

Concen: 54.279 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

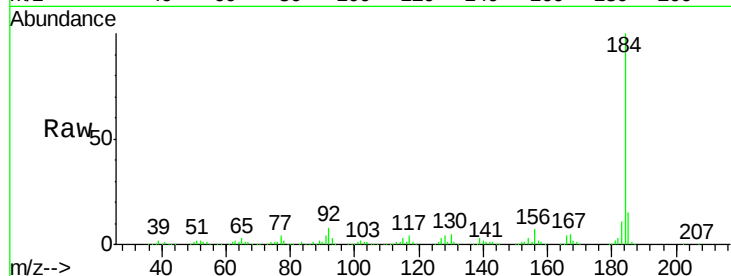
Tot Ion:184 Resp: 539955

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.8

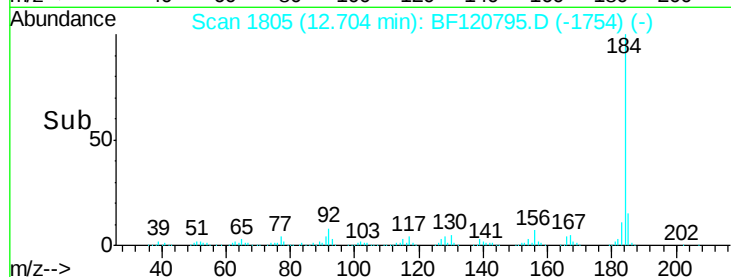
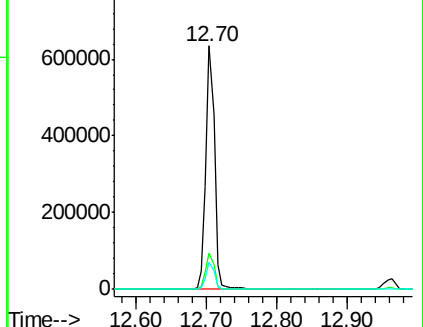
183 11.0 8.3 12.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.157 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

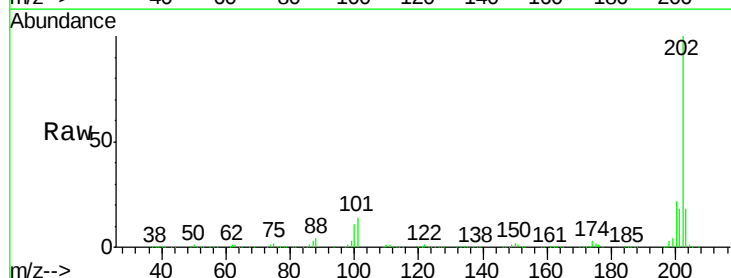
Tgt Ion:202 Resp: 1496227

Ion Ratio Lower Upper

202 100

200 22.0 17.3 25.9

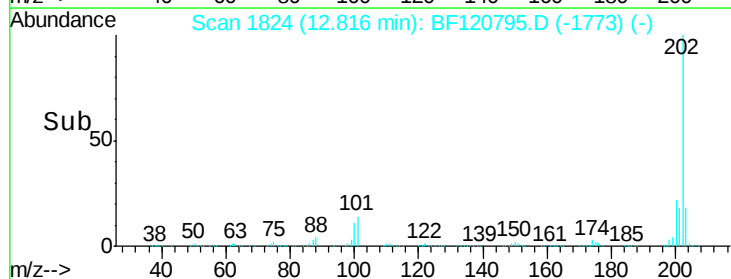
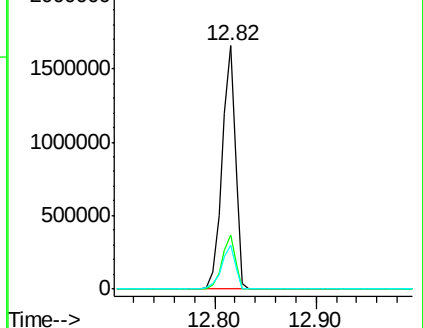
203 18.3 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 110.716 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

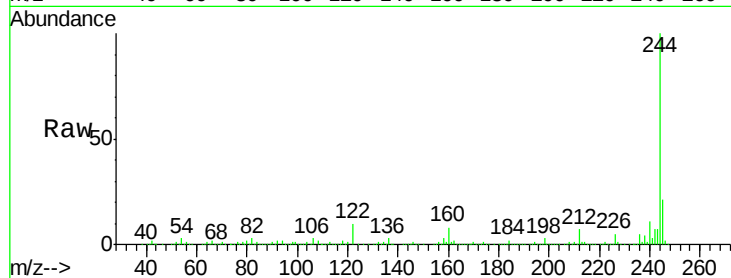
Tot Ion:244 Resp: 1992974

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

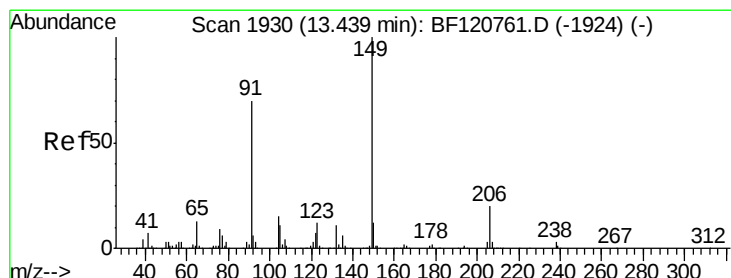
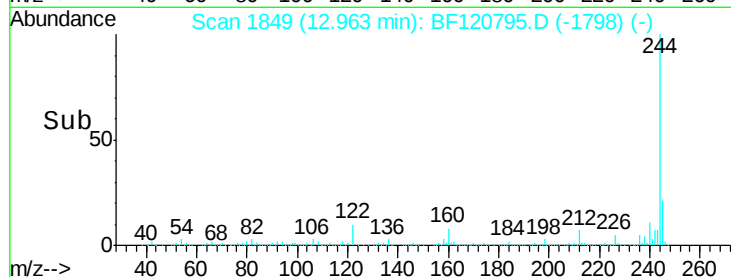
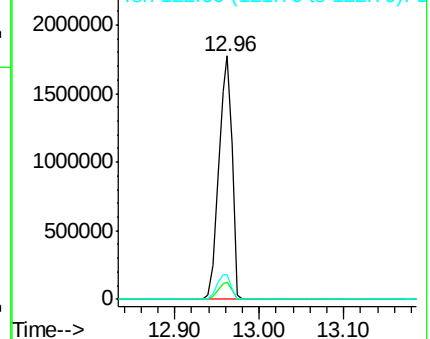
122 10.2 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 56.888 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

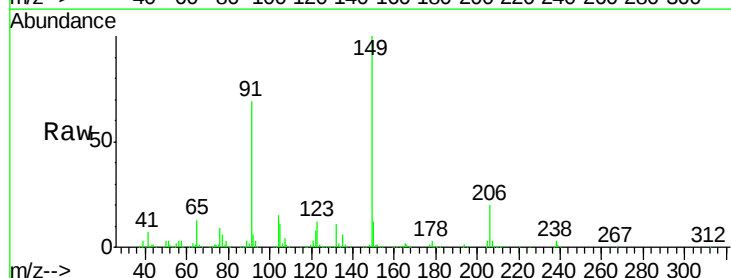
Tgt Ion:149 Resp: 691319

Ion Ratio Lower Upper

149 100

91 68.9 55.8 83.8

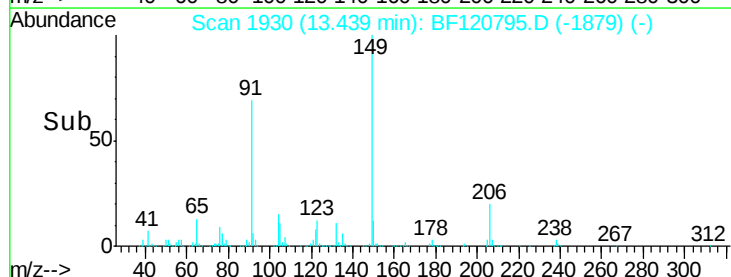
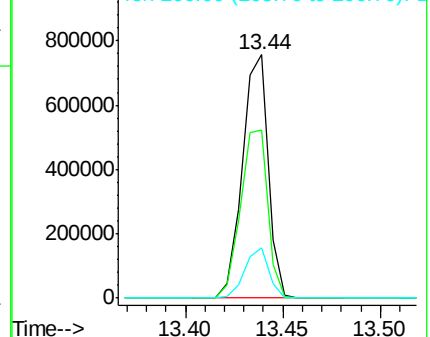
206 20.5 15.7 23.5

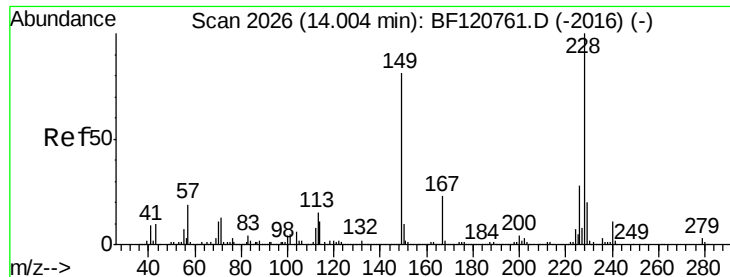


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.433 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

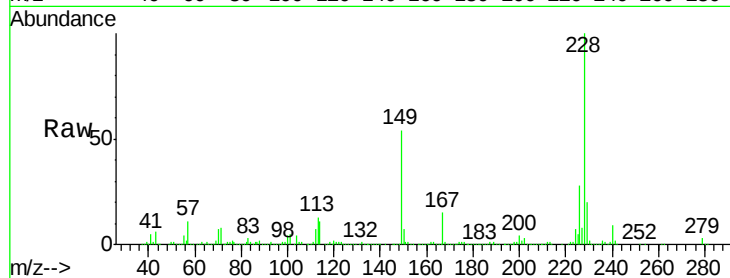
Tot Ion:228 Resp: 1116768

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

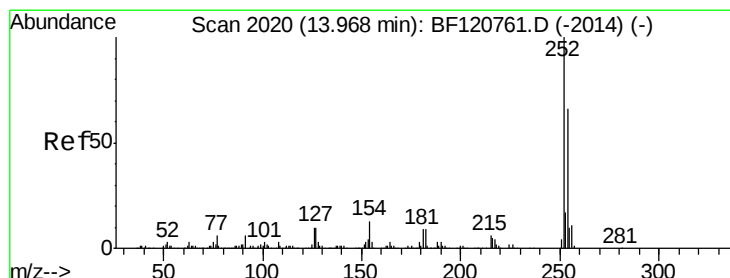
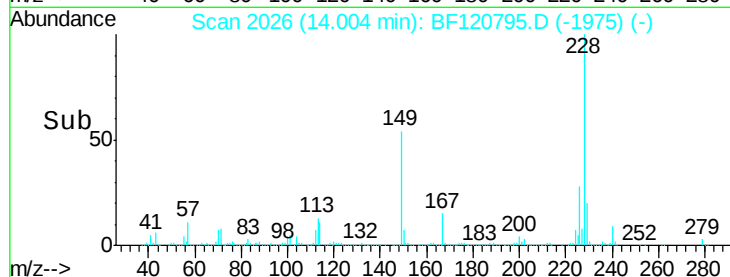
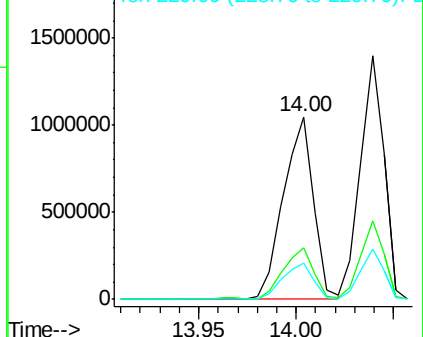
229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.624 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

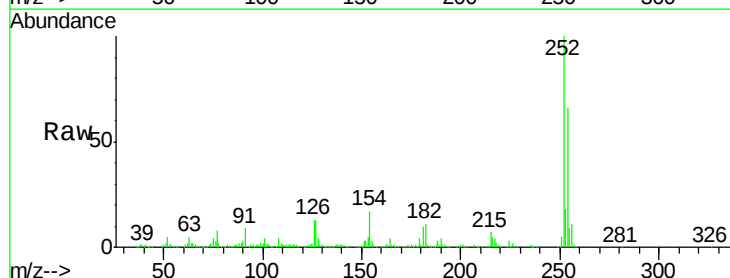
Tgt Ion:252 Resp: 355455

Ion Ratio Lower Upper

252 100

254 66.4 52.6 78.8

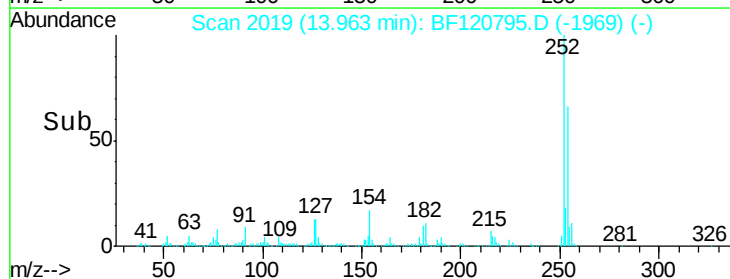
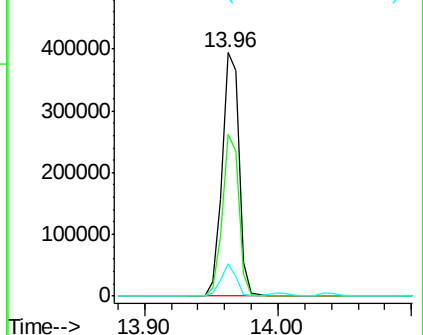
126 13.1 7.8 11.8#

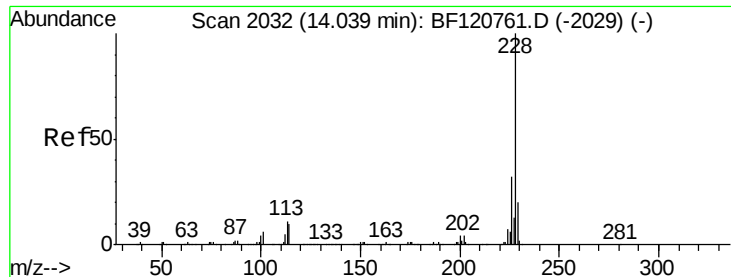


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.069 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

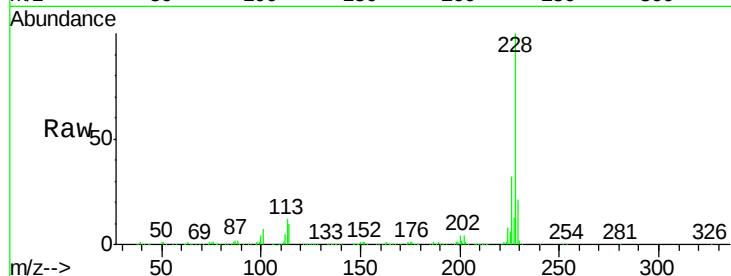
Tot Ion:228 Resp: 1176836

Ion Ratio Lower Upper

228 100

226 32.3 25.7 38.5

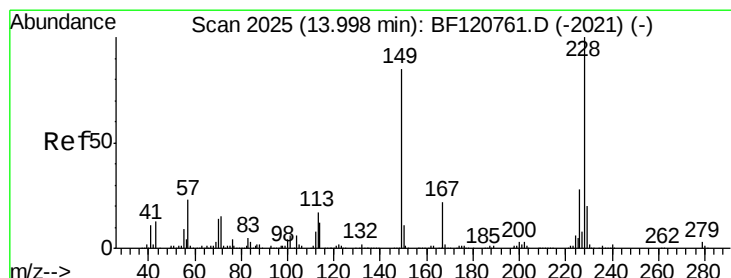
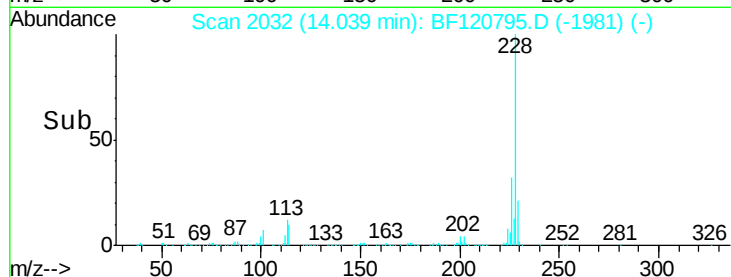
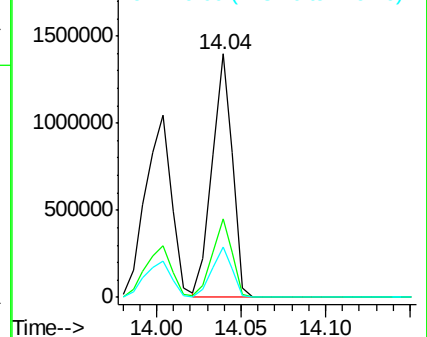
229 20.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.037 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

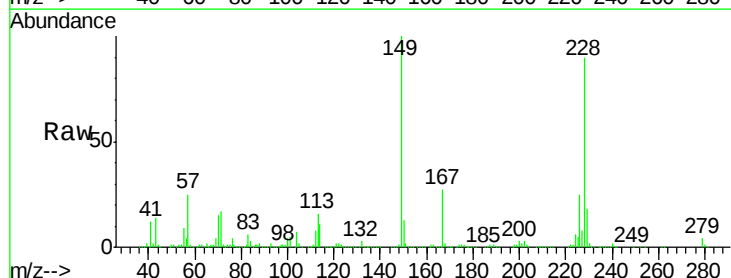
Tgt Ion:149 Resp: 845187

Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

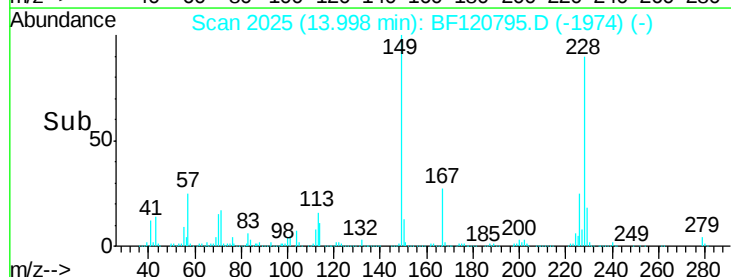
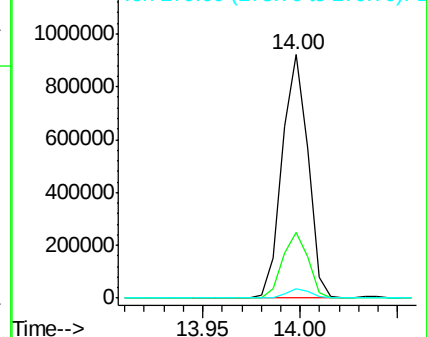
279 4.0 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.772 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

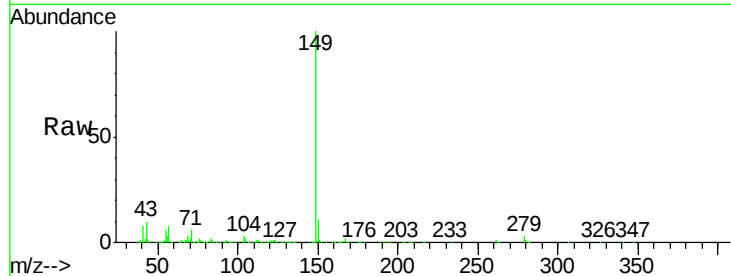
Tot Ion:149 Resp: 1572325

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

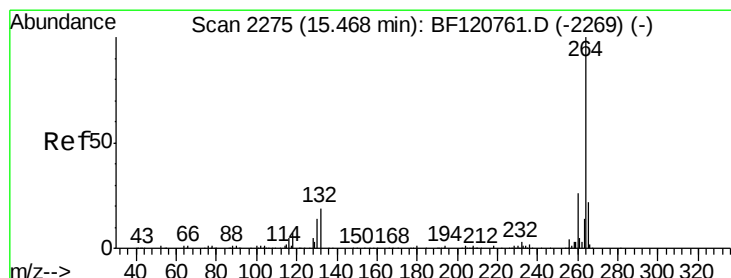
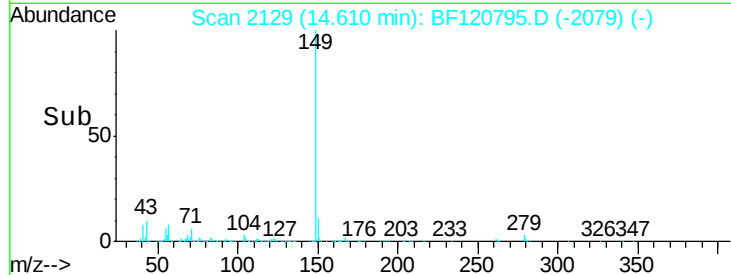
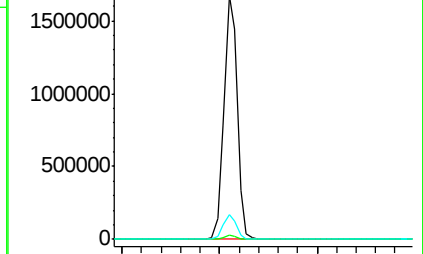
43 10.3 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

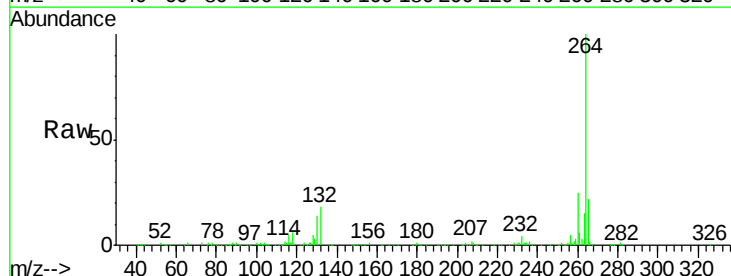
Tgt Ion:264 Resp: 283593

Ion Ratio Lower Upper

264 100

260 25.4 20.6 30.8

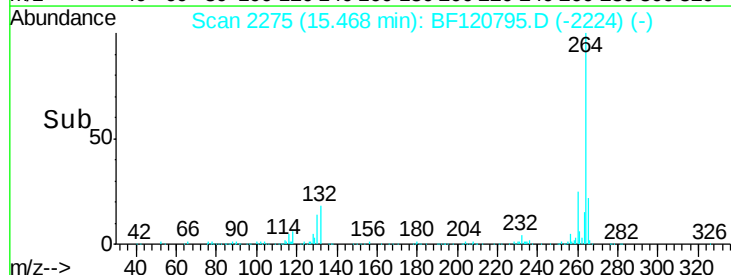
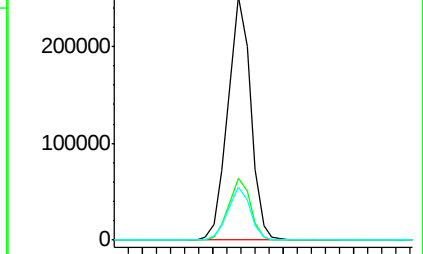
265 21.8 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

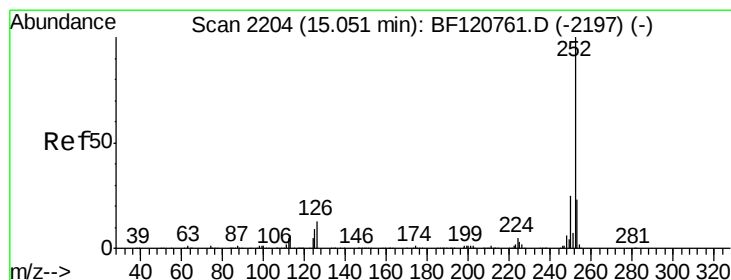
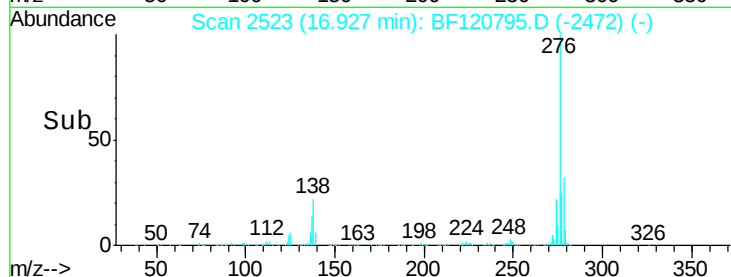
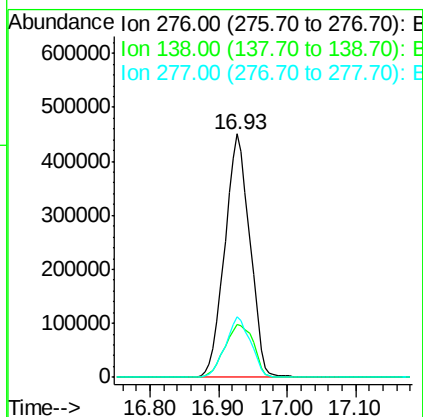
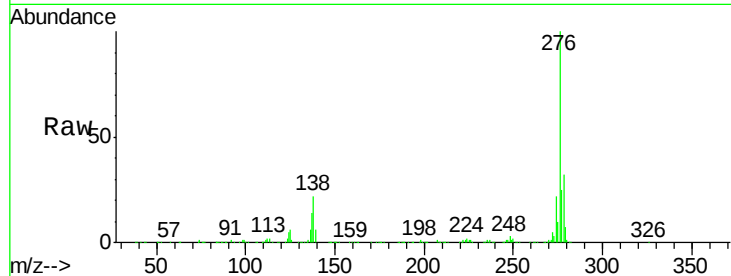




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 62.829 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

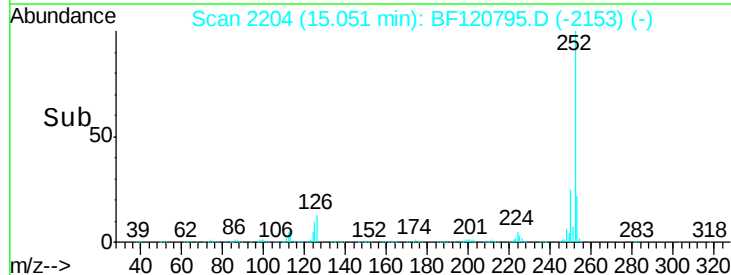
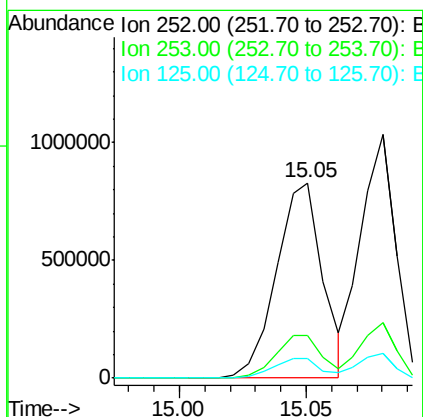
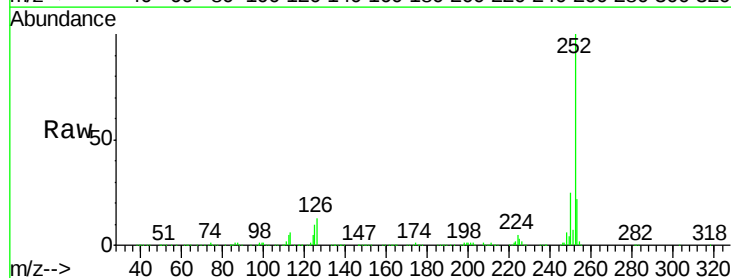
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMPMS

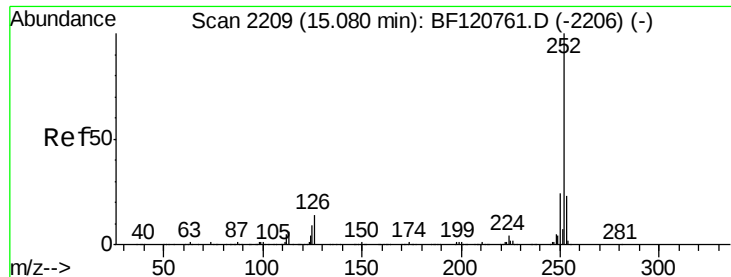
Tot Ion:276 Resp: 1142863
 Ion Ratio Lower Upper
 276 100
 138 25.0 19.8 29.8
 277 25.0 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 56.431 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120795.D
 Acq: 7 Jul 2020 18:55

Tgt Ion:252 Resp: 1052108
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.0 27.0
 125 9.7 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 55.117 ng

RT: 15.08 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

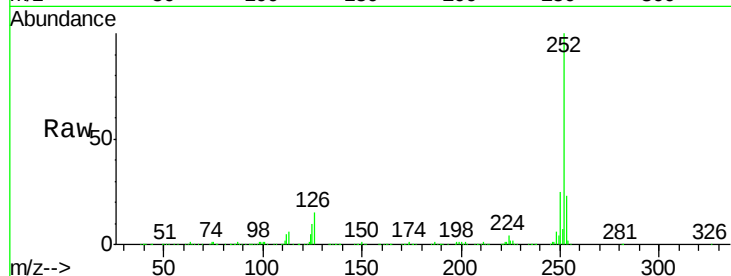
Tot Ion:252 Resp: 999926

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

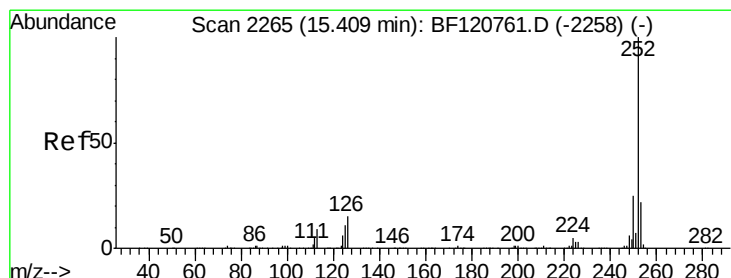
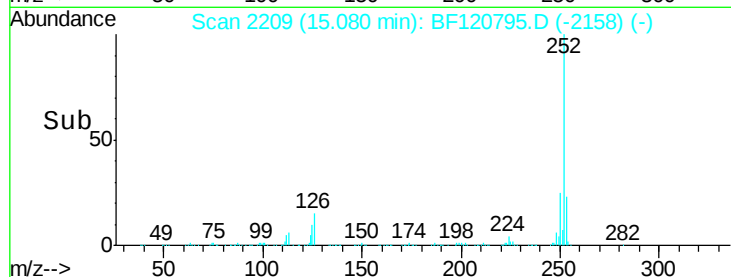
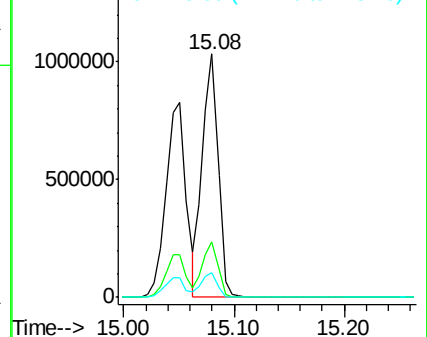
125 10.2 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 54.008 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

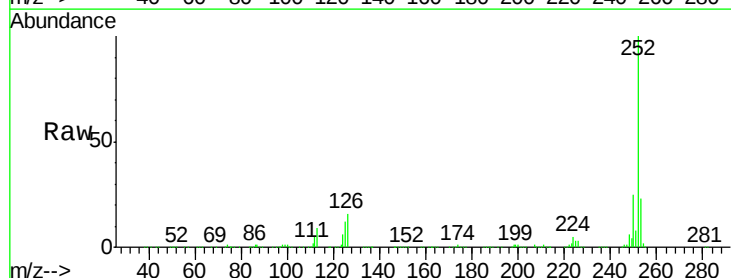
Tgt Ion:252 Resp: 898232

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

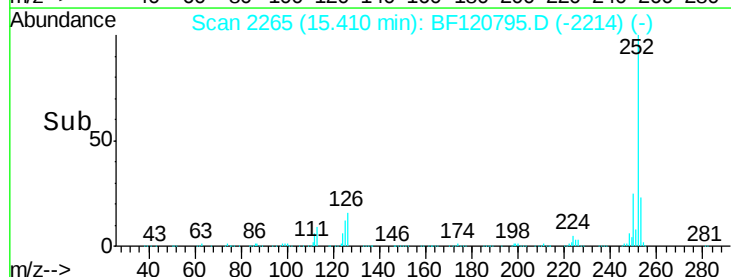
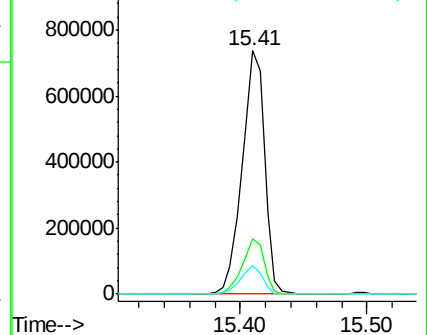
125 11.6 9.2 13.8

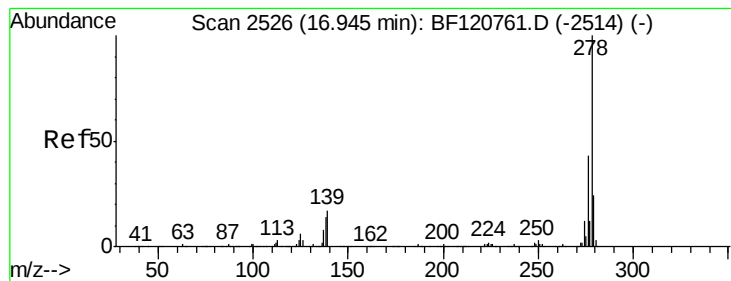


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 63.882 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

Instrument :

BNA_F

ClientSampleId :

RO-COMPMS

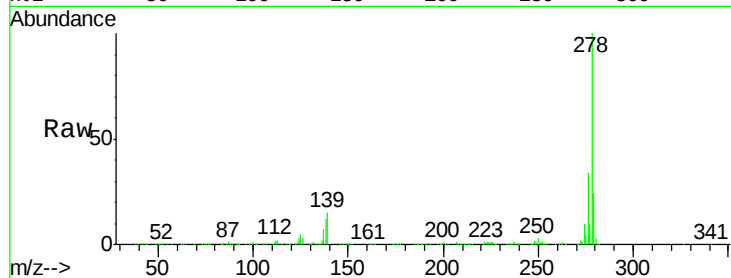
Tot Ion:278 Resp: 968503

Ion Ratio Lower Upper

278 100

139 15.3 13.3 19.9

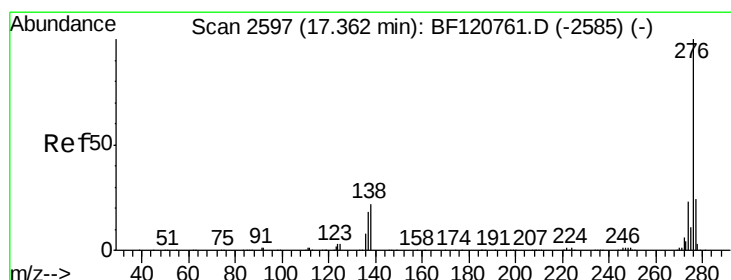
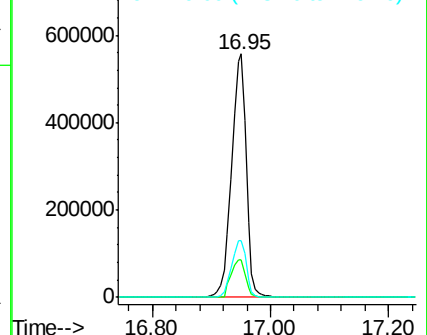
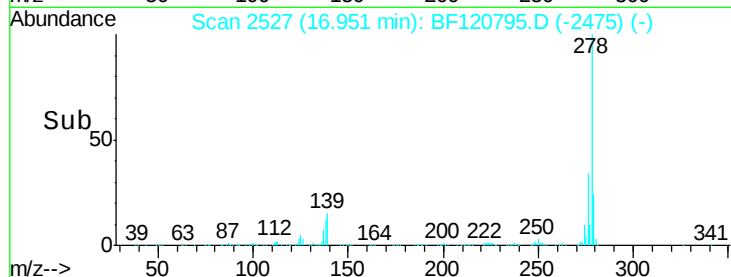
279 23.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 64.569 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.01 min

Lab File: BF120795.D

Acq: 7 Jul 2020 18:55

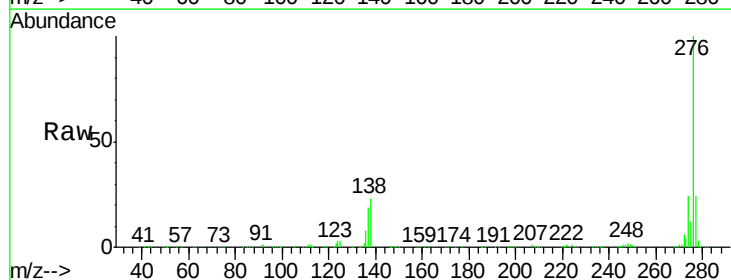
Tgt Ion:276 Resp: 894670

Ion Ratio Lower Upper

276 100

277 24.4 18.8 28.2

138 22.6 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

